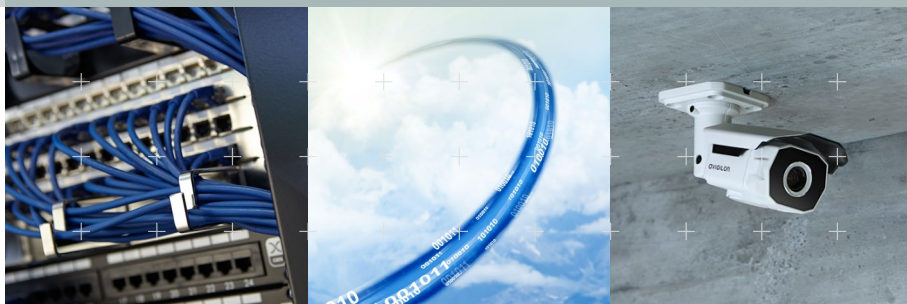


Electronic Security Product Guide.



All together.

MAYFLEX



Products, Partners, People and Service - Mayflex brings it **All together.**

[Mayflex](#) lead the way in the distribution of Converged IP Solutions. We use our specialist knowledge and experience to bring together best in class [Infrastructure](#), [Networking](#) and [Electronic Security](#) solutions to create a compatible, feature rich, value for money offering, to meet the demanding needs of business types and sizes across all sectors.

Working together with VARs, Installers, integrators, and specifiers; Mayflex provide support through

pre-sales, product selection, commercial flexibility and technical know-how to enable the delivery of truly converged solutions which provide businesses with advanced, scalable, cost effective and reliable IP based communication networks and building management systems.

[Mayflex](#) is at the forefront of the distribution of innovative IP-based Electronic Security solutions, with a focus on product performance and customer support.

IP based security solutions offer incredible advantages over the rapidly declining coax based analogue systems of the past. This emerging technology however, can only be successfully implemented as part of a well designed, high quality passive cabling solution, and Ethernet based network. This is our heritage, and positions Mayflex uniquely as the obvious and most capable partner for integrators wishing to take advantage of the growth opportunities offered by this market.



Infrastructure.
Networking.
Electronic Security.



Capture

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Manufacturers Overview

+ [ACTi](#)

ACTi Corporation is an end-to-end IP video surveillance solution provider, covering all the way from security to business management solutions. The core value of ACTi is to deliver these solutions through in-house developed technologies applied to its whole product line. These products include IP cameras, video management software and video analytics that are seamlessly unified into a single solution. Solutions can be customised for all markets through the comprehensive support of pre/post sales service and 24/7 worldwide technical support.



+ [Agent Vi](#)

Agent Video Intelligence (Agent Vi™) is the leading global provider of open architecture, video analytics software. The comprehensive video analytics solutions offered by Agent Vi extend from real-time video analysis and alerts to video search and business intelligence applications, and are fully integrated with a range of cameras, encoders and video management systems. Based on Agent Vi's unique, patented, Image Processing over IP (IPoIP™) software architecture, which distributes the video analysis task between the camera and a server, Agent Vi's solutions can support up to 200 cameras running a full suite of video analytics functionalities on a single server, while offering superior accuracy and detection performance. Integrating Agent Vi's advanced video analytics capabilities into existing or new surveillance networks enables users to benefit from the true potential of their surveillance networks, transforming them into intelligent tools that respond to the practical challenges of the 21st century.



+ [Avigilon](#)

Avigilon is defining the future of protection through innovative high-definition surveillance solutions. Avigilon design and manufacture high-definition surveillance solutions that deliver the best evidence. Their open, industry-leading HD network video management software and megapixel cameras are reinventing surveillance by providing the world's best image quality. With their open components you can customise your own powerful, scalable and cost-effective surveillance solution. With all of their hardware and software designed and manufactured in Canada, you will always get the best quality and the most reliable products in the industry.

Avigilon systems protect and monitor various locations worldwide, providing the best image quality.



Manufacturers Overview

[+ AXIS](#)

AXIS is the market leader in network video and a driving force behind the shift from analogue to digital video surveillance, which paves the way for a more secure, smarter and safer world. Offering network video solutions for professional installations, AXIS products and solutions are based on an innovative, open technology platform. AXIS has more than 1,000 dedicated employees in 40 locations around the world and cooperates with partners covering 179 countries. Founded in 1984, AXIS is a Sweden-based IT company listed on NASDAQ OMX Stockholm under the ticker AXIS.



[+ BCDVideo](#)

BCDVideo is a global manufacturer of purpose-built IP video recorders. As HP's global OEM partner for IP video security, BCDVideo delivers a proven, reliable solution built to perform for the duration of virtually any IP video project. With their storage solutions, BCDVideo also includes its unique SMARTtechnology, which seamlessly integrates complete system monitoring with disaster and video recovery, remote access capability, and redundant cloud retention. The company's storage products are backed by lifetime telephone support and an unprecedented, worldwide, five year global on-site warranty. First rate customer service and support are among the company's top priorities and their solutions deliver worldwide within 14 days.



[+ Digital Barriers](#)

Digital Barriers provides advanced surveillance technologies to organisations in the critical infrastructure, defence, law enforcement, transportation, commercial and natural resources sectors. They specialise in 'edge-intelligent' solutions that are designed to deliver real-time video and analysis from remote, hostile or complex operating environments. In comparison to conventional security measures, their intelligent intrusion detection systems are designed to provide organisations with operational capabilities that enable a more proactive security stance.

SafeZone-edge, our intelligent video analytics application for intrusion detection, is the first product in its class to combine the performance of server-based intelligent video analysis (IVA) with the simplicity of video motion detection (VMD).



[+ Excel](#)

Excel is a world class premium performance end-to-end infrastructure solution, designed, manufactured, supported and delivered without compromise. With an emphasis on compatibility and standard compliance 'from cable to rack', reliability and product availability, Excel is the complete trusted solution. Since the brand was launched to the UK market in 1997, Excel has enjoyed formidable growth and is sold in over 70 countries. The meteoric rise of the brand reflects a growing demand throughout EMEA for a reliable, standards-compliant, readily available, structured cabling and racking system. Excel is able to deliver this mix through a growing base of distributors and integrators across the region, which combine to make the brand an increasingly viable option. With a focus on, system performance, independent verification and a 25 year product and application warranty, when installed by an Excel Partner, it's easy to see why this is the system of choice in many government, education, retail, finance and enterprise installations.



Manufacturers Overview

Extreme

Extreme Networks has always been at the forefront of innovative networking. That tradition continues today with their vision, technology, ability, and focused dedication to deliver an inclusive solution that spans the converged edge to the enterprise core & beyond. Extreme accomplish this through best-in-class Ethernet technologies. Their quality of end user experience is coupled with un-equalled price/performance, sustainability, multi-vendor interoperability, and customer intimacy.



Fluidmesh

Fluidmesh Networks is the worldwide leader in wireless systems for security, industrial, and mission-critical applications. Its range of solutions covers point-to-point, point-to-multipoint, and mesh networks with an unparalleled level of reliability, flexibility, and ease of use. The company is focused on the development of top-quality wireless products for security, video-surveillance, and condition monitoring and data communication in large areas at risk.



LevelOne

LevelOne was established 20 years ago in Germany and has steadily grown over the years by providing quality networking products and solutions. Being driven by their commitment to a total networking solution for customers, product lines have grown into a rich array of cost-effective management solutions. All products are subject to vigorous and extensive product testing procedures to ensure they comply with the stringent product quality standards set in Europe and the USA. This has resulted in compliance with European ISO and American MIL-STD standards.



Milestone

Milestone Systems is a global industry leader in open platform IP video management software, founded in 1998 and now operating as a standalone company in the Canon Group. Milestone technology is easy to manage, reliable and proven in thousands of customer installations, providing flexible choices in network hardware and integrations with other systems. Sold through partners in more than 100 countries, Milestone solutions help organisations to manage risks, protect people and assets, optimise processes and reduce costs.



The Open Platform Company

Manufacturers Overview

[MOBOTIX](#)

MOBOTIX AG is a German software company with in-house hardware development for digital, high-resolution and network-based video security solutions. The company focuses on the development of user-friendly, complete system solutions from a single provider. MOBOTIX AG is known as the leading pioneer in network camera technology since the founding in 1999, and their decentralised concept has made high-resolution video systems cost-efficient. Since 2010, MOBOTIX has extended its product range to include in-house developed, intelligent home automation products. On every continent hundreds of thousands of MOBOTIX video systems have been in operation for years.



[Overland](#)

With over 450,000 installations worldwide, Overland Storage continues to develop proven technology that makes data management and data protection effortless. Businesses of all sizes and locations are faced with both the challenges of data storage growth and limitations in resources or expertise to deploy complicated and expensive systems. They require solutions that are easy to install, manage and maintain over time. Overland's vision of effortless data means eliminating complexity by putting the expertise into the storage system so that it is intuitive for administrators. Our entire line of data management and data protection solutions provide the benefits of simple yet fully featured online, nearline, offline, and archival storage to meet business needs across the data lifecycle, without the typical drawbacks or high cost of ownership.



[Panasonic](#)

Panasonic is a leader in the provision of telecommunication, security and imaging products. In addition to providing fully integrated networks solutions, services range from consulting and system development through to operation. Panasonic has a rich history in the security business. Our current product portfolio ranges from analogue cameras, video management software and network video recorders to the latest in IP.



Panasonic is a leader in IP technology with an end to end full HD solution offering, which includes a huge range of cameras, license-free network recorders, control units, monitors and software.

Manufacturers Overview

+ [Paxton](#)

Paxton are European designers and manufacturers of market leading electronic access control. The company are a global brand of networked access control and door entry systems with 30 years' industry experience. As one of the European market leaders, Paxton prides itself on creating simple, yet intelligent products to provide reliable security for small to medium sized buildings. Paxton are active in 25 territories and export to over 40 countries worldwide.

Paxton consistently bring advanced solutions to market, through paying exceptional attention to the development of high quality products and customer care. As part of their core strategy of product diversification, their products move beyond access control to offer features like energy saving, building control and CCTV, fire, intruder alarm and biometric system integration. By owning 100% of the design and manufacturing process, Paxton are able to offer a world class five year guarantee on all products and total customer support, six days a week, 52 weeks a year.



+ [QNAP](#)

QNAP Systems, Inc., as its brand promise "Quality Network Appliance Provider", aims to deliver comprehensive offerings of cutting edge network attached storage (NAS) and network video recorder (NVR) solutions featured with ease-of-use, robust operation, large storage capacity, and trustworthy reliability. QNAP integrates technologies and designs to bring forth quality products that effectively improve business efficiency on file sharing, virtualisation applications, storage management and surveillance in the business environments, as well as enrich entertainment life for home users with the offering of a fun multimedia center experience. Headquartered in Taipei, QNAP delivers its solutions to the global market with nonstop innovation and passion.



+ [Raytec](#)

Raytec are world leaders in LED lighting and manufacture a complete range of Infra-Red and White-Light LED illuminators for CCTV and general lighting applications. All Raytec illuminators use the latest SMT LED technology to improve the performance of any security system at night, delivering high quality images, a long 10 year life, low energy consumption, low running costs and zero maintenance. Raytec's management team has over 100 years of experience in designing, specifying and selling lighting directly to over 60 countries, and all Raytec products are UK designed and manufactured.



+ [Razberi](#)

Razberi Technologies is an innovative company that provides groundbreaking IP video solutions for professional video surveillance and security applications. Razberi Technologies offers a full range of plug-and-play network recorders, IP cameras and installation tools designed for simplicity and reliability. The company's flagship product is the patent-pending Razberi ServerSwitch appliance which combines the functions of a network video recorder, PoE smart switch, storage, and powerful video management software into a single compact appliance.



Manufacturers Overview

+ **Securefast (Tate Colson)**

Securefast is a member of the Doors and Hardware Federation (DHF), Associate Member of the Guild of Architectural Ironmongers (GAI) and a member of Secure by Design SBD).

Securefast offers the very best in Security, Fire and Door Entry products.

With over 100 years of combined company history in manufacturing and distribution, Securefast recognizes the requirements of its customers in both terms of quality and service.

The company offers a comprehensive range of Deedlock Electric locks for Timber, Aluminium and Steel Doors. All of our Electric Locks have been designed to be used with Keypads, Proximity, Card Swipe and Door Entry Systems.

A range of Exit Buttons, Emergency Call Points and Door Loops are also available from Securefast which are required as an integral part of an access control system.

Tate Colson is supported by Technical Engineers who are available to advise on correct equipment specification and installation back up over the telephone.

The logo for Securefast, featuring the word "Securefast" in a bold, red, sans-serif font.

+ **Siemens**

The Security Products business segment is part of Siemens Building Technologies and has its headquarters in Solna, Sweden. The primary focus of the SP business is to develop and deliver cutting-edge access control and intruder detection products and systems along with a complementary portfolio of video surveillance products and a range of interfaces to third-party equipment.

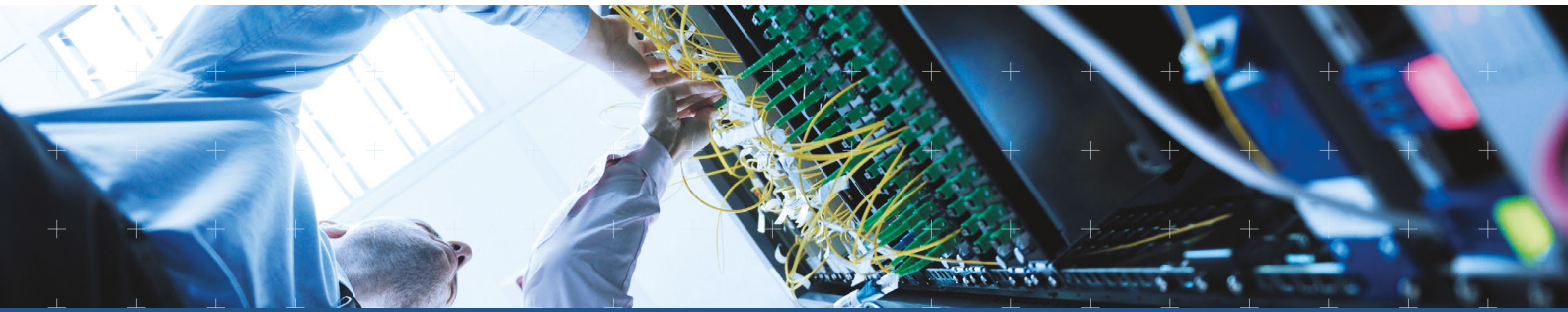
The Siemens logo, consisting of the word "SIEMENS" in a bold, teal, sans-serif font.

+ **Veracity**

Veracity designs, develops and manufactures innovative IP network transmission, storage and display products, specifically for video surveillance. Veracity supports the evolution and deployment of mega-pixel video surveillance, designing unique products which solve real-world IP video problems. Veracity IP transmission products are used, recommended and trusted by all the major IP camera manufacturers, thousands of system integrators and end-users worldwide. Veracity works in co-operation with a large range of industry partners, products directly increase sales of IP cameras, digital video recorders, video management systems and many other IP related security products.

Veracity solutions include Ethernet and POE over coax, Ethernet and POE extenders, long range full speed Ethernet and POE point-to-point devices. Veracity produce an extremely cost effective compact NTP time-synchronisation unit, camera installation tools and a portable POE injector battery pack. Veracity has gained an enviable reputation for innovation by developing radical but logical solutions and are the acknowledged market leader in this specialist field.

The Veracity logo, featuring a stylized blue icon above the word "veracity" in a lowercase, grey, sans-serif font.



Mayflex Channel Assist

...three simple stages

Mayflex Channel Assist is a range of Professional Services available across the UK. We only provide these services to our trade partners to complement existing skills and enable a broader range of solutions and services to be offered to installer clients with reduced risks and costs.

We have structured the services available into three simple stages:

- + **Pre Installation Support**
 - Security and networking desk based recommendation - FOC
 - Field based survey and design - POA
 - Copper and Fibre pre-terminations desk based product recommendation - FOC
- + **Installation Support**
 - Off site or on site pre-staging and pre-configuration of products – POA
 - Options include loading IP and MAC addresses, switch scripts, NVR and or server set up, camera settings
- + **Post Installation Support**
 - Desk based or online support directly to engineers or help desks
 - Optional site visits to assist with trouble shoot and fault rectification
 - Access to knowledgeable, experienced engineering support when needed





Manufacturers supported for these services include:



Speak to our sales team to obtain a full list of manufacturers and what is provided in each of our services on **0800 881 5199** or email channelassist@mayflex.com



Cube

Part Number	Description	Features
 D11	ACTi	<ul style="list-style-type: none"> > DNR (Digital Noise Reduction) > H.264 high profile and MJPEG > ONVIF compliant > 2 year warranty
	1 MP Cube. Fixed focal, f3.6mm / F2.0	
D12	3 MP Cube. Fixed focal, f3.6mm / F2.0	
 WV-ST165	Panasonic	
	720p simple day/night, pan and tilt, PoE or 12V DC	<ul style="list-style-type: none"> > H.264 streaming up to 30 ips > Recording software for up to 16 cameras included
WV-SW175	720p external IP56 housing, simple day/night, pan and tilt, PoE or 12V DC	
WV-SW174WE	800 x 600, external IP56 housing, simple day/night, pan and tilt, Wi-Fi, PoE or 12V DC	

Product Selection

Knowledge & Expertise

9,500 product lines, all offering value and performance, together with the back-up and support service that sets us apart from the rest.



**Business
Essentials**

All together.

MAYFLEX

Bodied Box

Part Number	Description	Features
	ACTi	
	B21	5 MP 12x optical zoom, f5.2-62.4mm / F1.8-3.0. D/N
	B24	1.3 MP 10x optical zoom, f4.9-49mm / F1.8-3.0. D/N. Superior low light sensitivity
	B25	2 MP 10x optical zoom, f4.9-49mm / F1.8-3.0. D/N. Superior low light sensitivity
	B27	3 MP 12x optical zoom, f5.2-62.4mm / F1.8-3.0. D/N. Superior WDR
	I24	1 MP 30x optical zoom, f4.3-129mm / F1.6-5.0. D/N. Superior low light sensitivity, extreme WDR
	I25	2 MP 30x optical zoom, f4.3-129mm / F1.6-5.0. D/N. Superior low light sensitivity, extreme WDR
	I24	1 MP 30x optical zoom, f4.3-129mm / F1.6-5.0. D/N. Superior low light sensitivity, extreme WDR
	1.0-H3-B2	Avigilon Avigilon HD Cameras are available in 1 MP to 5 MP resolutions, with a 3-9mm lens and remote zoom/ focus for quick and easy installation in any environment
	1.3L-H3-B2	
	2.0-H3-B2	
	3.0W-H3-B2	
	5.0-H3-B2	

- > Auto-focus (Easy installation, motion to auto-focus)
- > DNR (Digital Noise Reduction)
- > WDR (Wide Dynamic Range)
- > H.264 high profile and MJPEG
- > Digital input/output
- > 2-way audio (line-in, line-out)
- > Local storage (MicroSDHC/MicroSDXC)
- > Optional housing (IP66)
- > ONVIF compliant
- > 3 year warranty

- > Remote zoom and focus, to minimise installation times
- > LightCatcher technology on 1.3 MP model
- > WDR capabilities on 3 MP model
- > 3-9mm, F/1.2 P-iris lens (9-22mm option available)
- > ONVIF compliant
- > Automatic IR Cut Filter, all models true day night
- > Alarm inputs and outputs
- > Audio onboard
- > P-iris Support - 4-9mm lens inbuilt
- > PoE (Power over Ethernet)
- > 3 year warranty

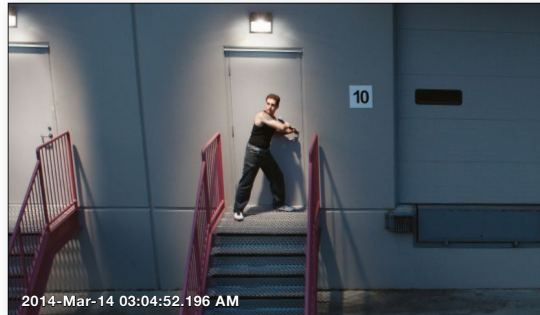
Bodied Box

Part Number	Description	Features
 1.0-H3-B1	Avigilon Avigilon HD Cameras are available in 1 MP to 5 MP resolutions, with a 4.7-84.6mm lens and remote zoom/focus for quick and easy installation in any environment	<ul style="list-style-type: none"> > Remote zoom and focus, to minimise installation times > ONVIF compliant > 4.7-84.6mm F/1.6 lens > Automatic IR Cut Filter, all models true day night > Alarm inputs and outputs > Audio onboard > P-iris Support - In built 5-85 mm lens > POE (Power over Ethernet) > 3 year warranty
2.0-H3-B1		
 8L-H4PRO-B	Avigilon Avigilon HD Pro Cameras, available in 8 MP to 29 MP resolutions, are ideal for covering vast areas with superior detail	<ul style="list-style-type: none"> > High resolution and quality > Wide Dynamic range > LightCatcher technology for superior image detail in low light settings* > EF and EF-S mount lens support* > Built on Avigilon's next-generation H4 compression platform* > HDSM technology provides intelligent management of bandwidth and storage > Focus and Iris control of SLR Lens (Sold separately) > Alarm inputs and outputs > Near-Infrared (NIR) sensitivity > Plug and play > POE (Power over Ethernet) > 3 year warranty
12L-H4PRO-B		
16L-H4PRO-B		
29MP-HD-PRO-C		<i>*Not available on 29 MP model</i>
29MP-HD-PRO-M		
 AXIS M1025	AXIS	
AXIS M1054	Smallest HDTV 1080p network camera with HDMI™ and edge storage	<ul style="list-style-type: none"> > Functional and smart design > Easy and flexible installation > Wireless connectivity > Intruder alarm capabilities > Power over Ethernet (AXIS M1025/M1054) > I/O ports
AXIS M1033-W	Smallest and smartest HDTV network camera from the market leader	
AXIS M1034-W	Smallest and smartest wireless HDTV network camera from the market leader	

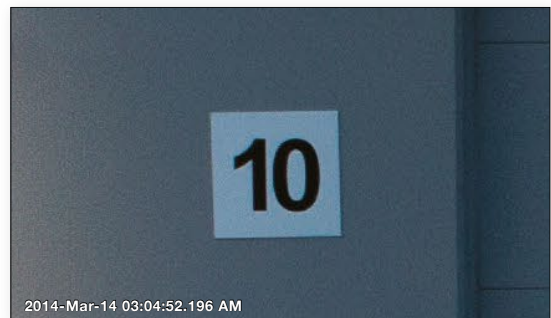
Avigilon saw a



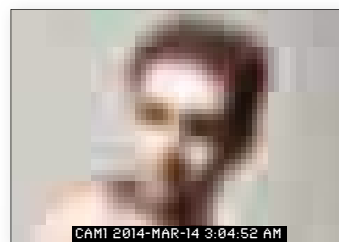
attempting to



at warehouse



while analogue saw



Only our high-definition surveillance solutions give you the full story. Get the image detail you need to reduce break-ins and keep inventory secure with an Avigilon end-to-end solution. Our broad range of cameras lets you monitor multiple interior and exterior environments to provide you maximum coverage even in the absence of security personnel. Learn more about the benefits of Avigilon's end-to-end solutions at avigilon.com/endtoend

avigilon

Bodied Box

Part Number	Description	Features
	AXIS	
	Compact and affordable high resolution camera for professional surveillance	
	AXIS M1103 2.8mm	
	AXIS M1104	Smallest HDTV network camera with edge storage
	AXIS M1104 2.8mm	Compact and affordable HDTV camera for professional surveillance
	AXIS M1113	Compact and adaptable high resolution camera for professional surveillance
	AXIS M1114	Compact and adaptable HDTV camera for professional surveillance
	AXIS M1144-L	Compact and affordable HDTV camera with built-in IR illumination
	AXIS M1145	Compact and affordable 1080p HDTV day and night camera
	AXIS	
	AXIS P1353	Superb, light sensitive fixed camera for video surveillance in any environment
	AXIS P1354	Superb, light sensitive fixed camera for video surveillance with HDTV quality
	AXIS P1355	Excellent, fixed camera for video surveillance with 1080p HDTV quality
	AXIS P1357	Exceptional video surveillance with 5-megapixel fixed camera

- > Compact and flexible design
- > Multiple H.264 streams
- > Power over Ethernet
- > Outdoor-ready models



Product Selector

- > Superb video quality including HDTV and
- > 5 megapixel
- > Lightfinder technology
- > P-Iris control
- > Multiple H.264 video streams
- > Digital PTZ and multi-view streaming
- > Outdoor ready models

Bodied Box

Part Number

Description

Features



AXIS Q1604

AXIS Q1614

AXIS Q1615

AXIS

Outstanding image performance in intense backlight conditions. Outstanding HDTV 720p video performance in 50/60 fps for forensic details and high speed

- > Outstanding light sensitivity: Lightfinder, WDR with dynamic capture and WDR with forensic capture
- > CS-mount lens
- > Multiple H.264 video streams
- > Power over Ethernet
- > Outdoor ready models with Arctic temperature control



AXIS M1114-E

AXIS

Outdoor-ready compact and adaptable HDTV camera for professional surveillance

- > HDTV 720p/1 Megapixel resolution at full frame rate
- > Varifocal DC-iris lens
- > Multiple H.264 streams
- > Power over Ethernet
- > Easy installation with pixel counter
- > Outdoor ready, IP66 rating



AXIS P1354-E

AXIS

Outdoor-ready, light sensitive fixed camera for video surveillance with HDTV quality

AXIS P1355-E

Outdoor-ready, excellent fixed camera for video surveillance with 1080p HDTV quality

AXIS P1357-E

Outdoor-ready, exceptional fixed camera for video surveillance with 1080p HDTV quality

- > Superb video quality including HDTV and 5 Megapixel
- > Lightfinder technology
- > P-Iris control
- > Multiple H.264 video streams
- > Digital PTZ and multi-view streaming
- > Outdoor ready model



AXIS Q1604-E

AXIS

Outdoor-ready for outstanding image performance in intense backlight conditions

AXIS Q1614-E

Outdoor-ready with outstanding HDTV 720p video performance in 50/60 fps

AXIS Q1615-E

Outdoor-ready for forensic details and high speed

- > Outdoor ready with Arctic temperature control -40 °C to 50 °C (-40 °F to 122 °F)
- > WDR with dynamic capture
- > Day/night functionality
- > Easy installation with remote back focus

Bodied Box

Part Number	Description	Features
 MX-M15D-SEC	Mobotix M15 allround dual lens day/night camera	<ul style="list-style-type: none"> > Weatherproof premium dual camera for all applications (IP66) > Combined day/night camera for 24-hour use > Modular system with interchangeable sensor modules - from 13° to 180° > 5 MP sensors - 2.5 x more detail than HD > Includes free video motion detection software Mx ActivitySensor > 4GB internal DVR included (up to 64GB possible) > Wall / ceiling mount included
 MX-M25M-SEC	Mobotix M24 allround mono camera	<ul style="list-style-type: none"> > Compact, cost-efficient and extremely powerful allround camera featuring 5 MP sensor technology > Weatherproof premium camera for all applications (IP66) > Freely configurable lenses: Telephoto, wide-angle, day/night, CSVario and Hemispheric (180°) > Integrated DVR (up to 64 GB) for HiRes video recording without affecting the network load > Digital, continuous panning, tilting, zooming > Microphone, speaker and intelligent movement sensors (MxActivitySensor)
 WV-SW316A	Panasonic 720p external IP66 housing, true day/night, up to 30 ips, SDHC card recording	
WV-SW316LA	720p external IP66 housing, true day/night, built-in IR LED (15m), up to 30 ips, SDHC card recording	

Contact sales for more information on Freephone
0800 881 5199 or email securitysales@mayflex.com



Fixed Dome

Part Number

Description

Features

Internal



ACTi

D51

1 MP fixed focal, f3.6mm / F2.0

D52

3 MP fixed focal, f3.6mm / F2.0

D54

1 MP fixed focal, f3.6mm / F1.8.
D/N with IR LED

D55

3 MP fixed focal, f3.6mm / F1.8.
D/N with IR LED

- > DNR (Digital Noise Reduction)
- > H.264 high profile and MJPEG
- > ONVIF compliant
- > 2 year warranty



ACTi

E51

1 MP fixed focal, f2.8mm / F2.0

E52

1 MP fixed focal, f3.6mm / F1.8.
D/N with IR LED

E53

3 MP fixed focal, f3.6mm / F1.8.
D/N with IR LED

E54

5 MP fixed focal, f3.6mm / F1.8.
D/N with IR LED

E56

3 MP fixed focal, f2.93mm / F2.0.
D/N with IR LED. Superior WDR

E58




2 MP fixed focal, f3.6mm / F1.85.
D/N with IR LED. Superior low light
sensitivity

E59

10 MP fixed focal, f3.6mm / F1.8.
D/N with IR LED. 101.4°
Super wide angle

- > DNR (Digital Noise Reduction)
- > WDR (Wide Dynamic Range)
- > H.264 high profile and MJPEG
- > ONVIF compliant
- > 3 year warranty

Fixed Dome

Part Number	Description	Features
 B51	ACTi	<ul style="list-style-type: none"> > Auto-focus (easy installation, motion to auto-focus) / Adaptive IR > DNR (Digital Noise Reduction) > WDR (Wide Dynamic Range) > H.264 high profile and MJPEG > Digital input/output > 2-way audio (line-in, line-out) > Local Storage (MicroSDHC/MicroSDXC) > Vandal resistant (IK09) > ONVIF compliant > 3 year warranty
	5 MP fixed focal, f1.9mm / F2.8. D/N. 127° super wide angle	
	10 MP fixed focal, f3.6mm / F1.8. D/N. 102° super wide angle	
B52	3 MP fixed focal, f1.9mm / F2.8. D/N. 127° super wide angle. Superior WDR	
 D61A	ACTi	<ul style="list-style-type: none"> > DNR (Digital Noise Reduction) > H.264 high profile and MJPEG > Digital input/output > 2-way audio (line-in, line-out) > Local storage (MicroSDHC/MicroSDXC) > Vandal resistant (IK09) > ONVIF compliant > 2 year warranty
	1.3 MP varifocal, f2.8-12mm / F1.4. Superior low light sensitivity	
	2 MP varifocal, f2.8-12mm / F1.4. Superior low light sensitivity	
	1 MP varifocal, f2.8-12mm / F1.4. D/N with IR LED	
	3 MP varifocal, f2.8-12mm / F1.4. D/N with IR LED	
 B61	ACTi	<ul style="list-style-type: none"> > Auto-focus (Easy Installation, Motion to Auto-focus) / Adaptive IR > DNR (Digital Noise Reduction) > WDR (Wide Dynamic Range) > H.264 high profile and MJPEG > Digital input/output > 2-way audio (line-in, line-out) > Local storage (MicroSDHC/MicroSDXC) > Vandal resistant (IK09) > ONVIF compliant > 3 year warranty
	5 MP 3x optical zoom, f3-9mm / F1.2-2.1. D/N	
	1.3 MP 3x optical zoom, f3-9mm / F1.2-2.1. D/N. Superior low light sensitivity	
	2 MP 3x optical zoom, f3-9mm / F1.2-2.1. D/N. Superior low light sensitivity	
	3 MP 3x optical zoom, f3-9mm / F1.2-2.1. D/N	

Fixed Dome

Part Number

Description

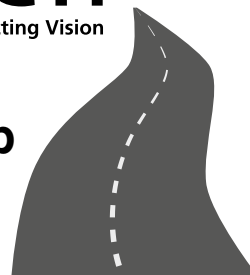
Features



ACTi



Product Roadmap



E61A

1 MP varifocal, f2.8-12mm / F1.4.
D/N with IR LED.

E62A

3 MP varifocal, f2.8-12mm / F1.4.
D/N with IR LED.

E63A

5 MP varifocal, f2.8-12mm / F1.4.
D/N with IR LED.

E64A

1 MP varifocal, f2.8-12mm / F1.4.
D/N with IR LED. Superior WDR

E65A

3 MP varifocal, f2.8-12mm / F1.4.
D/N with IR LED. Superior WDR

E67A

2 MP varifocal, f2.8-12mm / F1.4.
Superior low light sensitivity

E68

1.3 MP varifocal, f2.8-12mm / F1.4.
D/N with IR LED. Superior low light
sensitivity

E69

2 MP varifocal, f2.8-12mm / F1.4.
D/N with IR LED. Superior low light
sensitivity

E610

10 MP varifocal, f3.1-13.3mm /
F1.4. D/N with IR LED.

- > DNR (Digital Noise Reduction)
- > WDR (Wide Dynamic Range)
- > H.264 high profile and MJPEG
- > Digital input/output
- > 2-way audio (line-in, line-out)
- > Local storage (MicroSDHC/MicroSDXC)
- > Vandal resistant (IK09)
- > ONVIF compliant
- > 3 year warranty



ACTi

- > Compact design
- > DNR (Digital Noise Reduction)
- > H.264 high profile and MJPEG
- > Local storage (MicroSDHC/MicroSDXC)
- > Vandal resistant (IK08)
- > ONVIF compliant
- > 2 year warranty

D91

1 MP mini-dome. Fixed focal,
f2.93mm / F2.0

D92

3 MP mini-dome. Fixed focal,
f2.93mm / F2.0

Fixed Dome

Part Number	Description	Features
 E91 E92 E93 E94 E95 E97	ACTi	<ul style="list-style-type: none"> > Compact design > DNR (Digital Noise Reduction) > WDR (Wide Dynamic Range) > H.264 high profile and MJPEG > Local storage (MicroSDHC/MicroSDXC) > Vandal resistant (IK08) > ONVIF compliant > 3 year warranty
	1 MP fixed focal, f2.93mm / F2.0	
	3 MP fixed focal, f2.93mm / F2.0	
	5 MP fixed focal, f1.9mm / F2.8. 127° super wide angle	
	1.3 MP fixed focal, f3.6mm / F1.85. Superior low light sensitivity	
	2 MP fixed focal, f3.6mm / F1.85. Superior low light sensitivity	
	10 MP fixed focal, f3.6mm / F1.8. 101.4° super wide angle	
 1.0-H3M-DO1 2.0-H3M-DO1 1.0-H3M-DC 2.0-H3M-DC	Avigilon The Avigilon HD Micro Dome, available in 1 MP and 2 MP resolutions, is the industry's smallest HD dome camera and enables a cost effective transition to HD video	<ul style="list-style-type: none"> > 1.0 megapixel progressive scan CMOS sensor > Unsurpassed image quality > 30 images per second at full resolution > Factory focused for quick and easy installation > 86° horizontal angle of view allows for full room coverage from any corner > Available in both surface mount or in-ceiling mount options > ONVIF profile S compliant > In ceiling option is -DC <div data-bbox="1077 1361 1316 1568">  </div> <p>HD surveillance options for different lighting conditions</p>
 1.0-H3-D1 1.3L-H3-D1 2.0-H3-D1 3.0-H3-D1 5.0-H3-D1	Avigilon The Avigilon HD indoor dome camera, available in 1 MP to 5 MP resolutions, is ideal for monitoring indoor areas with incredible detail	<ul style="list-style-type: none"> > Remote zoom and focus, to minimise installation times > LightCatcher technology on 1.3 MP model > 3-9mm and 9-22mm lens options* > ONVIF compliant > Automatic IR Cut Filter, all models true day night > Alarm inputs and outputs > Audio onboard > P-iris Support - 4-9mm lens inbuilt > 3 Axis Gimble for easy installation > POE (Power over Ethernet) > 3 year warranty <p>* 1.3 MP LightCatcher only available with 3-9mm lens</p>

Fixed Dome

Part Number

Description

Features



1.0-H3-DC1

1.3L-H3-DC1

2.0-H3-DC1

3.0-H3-DC1

5.0-H3-DC1

Avigilon

The Avigilon HD Dome camera, with in-ceiling mounting option, is available in 1 MP to 5 MP resolution and is an ideal solution for discreet monitoring of indoor environments

- > Remote zoom and focus, to minimise installation times
- > LightCatcher technology on 1.3 MP model
- > 3-9mm and 9-22mm lens options*
- > ONVIF compliant
- > Automatic IR Cut Filter, all models true day night
- > Alarm inputs and outputs
- > Audio onboard
- > 3 Axis Gimble for easy installation
- > POE (Power over Ethernet)
- > 3 year warranty

* 1.3 MP LightCatcher only available with 3-9mm lens

Avigilon
Walsall Academy
Case Study



Avigilon

1.0-H3-D1-IR

2.0-H3-D1-IR

3.0W-H3-D1-IR

5.0-H3-D1-IR

1.0MP (720p) D/N Indoor Adaptive IR Dome, 3-9mm f/1.2 P-iris

2.0MP (1080p) D/N Indoor Adaptive IR Dome, 3-9mm f/1.2 P-iris

3.0MP (1536p) D/N Indoor Adaptive IR WDR Dome, 3-9mm f/1.2 P-iris




5.0MP (1944p) D/N Indoor Adaptive IR Dome, 3-9mm f/1.2 P-iris

- > Multi Megapixel
- > Remote zoom and focus, reducing install time
- > ONVIF compliant
- > Automatic IR Cut Filter, all models true day night
- > Avigilon's Adaptive IR technology
- > Alarm inputs and outputs
- > Audio onboard
- > P-iris Support - 3-9mm lens inbuilt
- > POE (Power over Ethernet)
- > 3 year warranty



Avigilon
Chatham - Kent
Police Service
Case Study

Fixed Dome

Part Number	Description	Features
	AXIS	<ul style="list-style-type: none"> > Affordably priced fixed mini domes for indoor/outdoor use > Compact, vandal-resistant and outdoor-ready designs > Wide angle and 360°/180° panoramic views > HDTV video quality > Easy, flexible installation on wall or ceiling > Edge storage
	AXIS M3005-V	Fixed mini dome with HDTV performance
	AXIS M3006-V	Fixed mini dome with 3-megapixel wide view and HDTV 1080p
	AXIS	<ul style="list-style-type: none"> > Excellent image quality > Multiple H.264 streams > Power over Ethernet > Intelligent video capabilities
	AXIS M3204	Discreet and affordable HDTV fixed dome for professional surveillance
	AXIS M3204-V	Vandal resistant and affordable HDTV fixed dome for professional surveillance
	AXIS Indoor fixed dome with full HDTV at up to 60 fps and top-of-the-line image usability	<ul style="list-style-type: none"> > Full HDTV 1080p at up to 60 fps > WDR – Forensic Capture > Electronic Image Stabilisation > IK10 impact-resistant indoor models > IK10+ (50 joules) impact-resistant outdoor models
AXIS Q3505-V 9mm		





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Fixed Dome

Part Number	Description	Features
 AXIS P3354 6mm	AXIS	 <ul style="list-style-type: none"> > High performance video including HDTV quality > Multiple H.264 video streams > Easy installation with remote focus and zoom > Outdoor ready models designed for wide temperatures range > Power over Ethernet
	Superb, light-sensitive and cost efficient HDTV fixed dome with remote focus and zoom	
AXIS P3364-V 6mm	Superb, light-sensitive and vandal resistant HDTV fixed dome with remote focus and zoom	
AXIS P3364-LV 6mm	Superb, vandal resistant fixed dome with IR illumination, remote focus and zoom	
AXIS P3364-LV 12mm	Superb, vandal resistant fixed dome with IR illumination, remote focus and zoom	
AXIS P3364-LV 6mm	Fixed mini dome with HDTV performance	
AXIS P3365-V	Wide-angle and vandal resistant fixed dome with remote zoom and focus	
AXIS P3367-V	Superb 5 Megapixel, light sensitive fixed dome with remote focus and zoom	
AXIS P3384-V	Vandal resistant indoor HDTV fixed dome with outstanding video quality in demanding light conditions	
 AXIS P3904-R	AXIS	
	High performance camera for onboard surveillance, HDTV 720p	<ul style="list-style-type: none"> > Compact, rugged and discreet design > HDTV video quality > Traffic Light mode > Edge storage > Audio-in > I/O ports
	High performance camera for onboard surveillance, HDTV 1080p	
	High performance camera with audio for onboard surveillance, HDTV 1080p	
AXIS P3915-R		

Fixed Dome

Part Number

Description

Features



Mobotix
D25 - Mono dome camera

- > Elegant dome camera with exchangeable lenses from telephoto to wide-angle lens
- > 5MP sensor technology for detailed images and smooth video streams even in dark surroundings
- > Integrated DVR (up to 64 GB) for long-term recording without network load
- > Robust, low-maintenance and weatherproof device with no moving parts (IP65)
- > Digital continuous pan, tilt and zoom function; improved zoom thanks to 5MP
- > Intelligent movement sensors (MxActivitySensor)
- > Up to 30 HiRes images per second and excellent image quality even under poor illumination
- > Perfectly suited for any task. Exchangeable lenses and various mounting and configuration options, including vandalism set, supports countless applications
- > Day and Night Lenses in range from 13° to 82°

MX-D25M-SEC



Mobotix
D15 - dual dome day/night camera

- > Weatherproof premium dual camera for all applications (IP65 with wall mount)
- > Full range of day and night lenses available - from 13° to 82°
- > 5 MP sensors - 2.5 x more detail than HD
- > Includes free Mx ActivitySensor video motion detection software
- > Integrated DVR (up to 64 GB) for long-term recording without network load
- > High frame rates (up to 30 fps)
- > Wall / pole mounts available

MX-D15Di-SEC



Panasonic

- > IP internal domes
- > H.264 streaming
- > Auto back focus

WV-SF538

1080p simple day/night, up to 30 ips, SDXC card recording

WV-SF539

1080p true day night, up to 30 ips, SDXC card recording



Panasonic

- > Compact IP internal domes
- > H.264 streaming - up to 30 ips
- > 1.95mm fixed lens PoE only

WV-SF132

800 x 600 resolution simple day/night

WV-SF135

720p resolution simple day/night

WV-SF138

1080p resolution simple day/night, full duplex audio

Fixed Dome

Part Number

Description

Features

External

**ACTi****E71A**1 MP fixed focal, f2.93mm / F2.0.
D/N with IR LED.**E72A**3 MP fixed focal, f2.93mm / F2.0.
D/N with IR LED.**E73A**5 MP fixed focal, f2.93mm / F2.0.
D/N with IR LED.**E74A**3 MP fixed focal, f2.93mm / F2.0.
D/N with IR LED. Superior WDR**E76**2 MP fixed focal, f3.6mm / F1.85.
D/N with IR LED. Superior low light
sensitivity**E77**10 MP fixed focal, f3.6mm / F1.8.
D/N with IR LED. 101.4° super wide
angle**E81A**1 MP varifocal, f2.8-12mm / F1.4.
D/N with IR LED.**E82A**3 MP varifocal, f2.8-12mm / F1.4.
D/N with IR LED.**E83A**5 MP varifocal, f2.8-12mm / F1.4.
D/N with IR LED.**E84A**2 MP varifocal, f2.8-12mm / F1.4.
D/N with IR LED. Superior low light
sensitivity**E86A**3 MP varifocal, f2.8-12mm / F1.4.
D/N with IR LED. Superior WDR**E88**1.3 MP varifocal, f2.8-12mm / F1.4.
D/N with IR LED. Superior low light
sensitivity**E89**10 MP varifocal, f3.1-13.3mm /
F1.4. D/N with IR LED.

- > DNR (Digital Noise Reduction)
- > WDR (Wide Dynamic Range)
- > H.264 high profile and MJPEG
- > Digital input/output
- > 2-way audio (line-in, line-out)
- > Local storage (MicroSDHC/MicroSDXC)
- > Weatherproof (IP67); Vandal proof (IK10)
- > ONVIF compliant
- > 3 year warranty

Fixed Dome

Part Number	Description	Features
 D71 D72 D71A D72A D81A D82A	ACTi	<ul style="list-style-type: none"> > DNR (Digital Noise Reduction) > H.264 high profile and MJPEG > Digital input/output > 2-way audio (line-in, line-out) > Local storage (MicroSDHC/MicroSDXC) > Weatherproof (IP67); Vandal Proof (IK10) > ONVIF compliant > 2 year warranty
	1MP fixed focal, f2.93mm / F2.0. D/N with IR LED	
	3MP fixed focal, f2.9mm/F2.0. D/N with IR LED	
	1 MP fixed focal, f2.93mm / F2.0. D/N with IR LED.	
	3 MP fixed focal, f2.93mm / F2.0. D/N with IR LED.	
	1 MP varifocal, f2.8-12mm / F1.4. D/N with IR LED.	
 1.0-H3-DP1 1.3L-H3-DP1 2.0-H3-DP1 3.0-H3-DP1 5.0-H3-DP1	Avigilon The Avigilon HD Dome camera, with vandal-resistant outdoor pendant mount option, is available in 1 MP to 5 MP resolutions, making it an ideal solution for monitoring outdoor areas that require superior protection	<ul style="list-style-type: none"> > Remote zoom and focus, to minimise installation times > LightCatcher technology on 1.3 MP model > 3-9mm and 9-22mm lens options* > ONVIF compliant > Automatic IR Cut Filter, all models true day night > Alarm inputs and outputs > Audio onboard > 3 Axis Gimble for easy installation > POE (Power over Ethernet) > 3 year warranty <p>* 1.3 MP LightCatcher only available with 3-9mm lens</p>
 1.0-H3-DO1 1.3L-H3-DO1 2.0-H3-DO1 3.0-H3-DO1 5.0-H3-DO1	Avigilon The Avigilon HD Dome camera, with vandal-resistant outdoor dome mount option, is available in 1 MP to 5 MP resolutions, providing you with an added layer of protection for outdoor areas that require protection	<ul style="list-style-type: none"> > Remote zoom and focus, to minimise installation times > LightCatcher technology on 1.3 MP model > 3-9mm and 9-22mm lens options* > ONVIF compliant > Automatic IR Cut Filter, all models true day night > Alarm inputs and outputs > Audio onboard > 3 Axis Gimble for easy installation > POE (Power over Ethernet) > 3 year warranty <p>* 1.3 MP LightCatcher only available with 3-9mm lens</p>

Fixed Dome

Part Number

Description

Features

**Avigilon**

Available with Avigilon's Adaptive IR technology, the outdoor dome camera allows you to obtain crystal clear images in total darkness for superior outdoor protection

- > Multi Megapixel
- > Remote zoom and focus, reducing install time
- > ONVIF compliant
- > Automatic IR Cut Filter, all models true day night
- > Avigilon's Adaptive IR technology
- > Alarm inputs and outputs
- > Audio onboard
- > P-iris Support - 3-9mm lens inbuilt
- > POE (Power over Ethernet)
- > 3 year warranty

1.0-H3-D01-IR**2.0-H3-D01-IR****3.0-H3-D01-IR****5.0-H3-D01-IR****AXIS**

Outdoor ready, day/night fixed dome with 3 Megapixel/HDTV 1080p

- > Compact, vandal resistant, outdoor ready design
- > 3 MP / HDTV 1080p
- > Day/night functionality
- > Multi view streaming
- > Enhanced capacity for video analytics
- > Input/output ports for external devices
- > Power over Ethernet
- > Edge storage

AXIS M3026-VE**AXIS**

- > HDTV video quality
- > Day/night functionality
- > Remote zoom and focus
- > P-Iris control
- > Edge storage

AXIS P3214-VE

Outdoor ready, streamlined and versatile varifocal fixed dome with HDTV 720p

AXIS P3215-VE

Outdoor ready, streamlined and versatile varifocal fixed dome with HDTV 1080p.

Fixed Dome

Part Number

Description

Features



**AXIS P3364-LVE
6mm**

AXIS

Superb, vandal resistant, outdoor HDTV fixed dome with IR illumination, remote focus and zoom

- > High performance video including HDTV quality
- > Multiple H.264 video streams
- > Easy installation with remote focus and zoom
- > Outdoor ready models designed for wide temperatures range
- > Power over Ethernet

**AXIS P3364-LVE
12mm**

Superb, vandal resistant, outdoor HDTV fixed dome with IR illumination, remote focus and zoom

**AXIS P3364-VE
12mm**

Superb, light sensitive and vandal resistant, outdoor HDTV fixed dome with remote focus and zoom

AXIS P3364-VE 6mm

Superb, light sensitive and vandal resistant, outdoor HDTV fixed dome with remote focus and zoom

AXIS P3365-VE

Wide angle and vandal resistant fixed dome with remote zoom and focus

AXIS P3367-VE

Superb 5 Megapixel, light sensitive outdoor fixed dome with remote focus and zoom

AXIS P3384-VE

Outdoor, vandal resistant HDTV fixed dome with outstanding video quality in demanding light conditions



**AXIS Q3505-VE
9mm**






AXIS

Outdoor ready fixed dome with full HDTV at up to 60 fps and top of the line image usability

- > Full HDTV 1080p at up to 60 fps
- > WDR – Forensic Capture
- > Electronic Image Stabilisation
- > IK10 impact-resistant indoor models
- > IK10+ (50 joules) impact-resistant outdoor models



Fixed Dome

Part Number	Description	Features
 MX-V15D-SEC	Mobotix V15 vandalism	<ul style="list-style-type: none"> > Bulletproof IP dual camera for corner mounting > Operational at temperatures from -30 to +60 °C (-22 to +140 °F) (IP65) > Front plate and cover made from 5 mm stainless steel > 5MP image sensors for day and night (colour and black and white) > Image angles from 13° (Tele) up to 82° (wide angle) > Two-way communication via integrated microphone and speaker > MxActivitySensor for intelligent motion detection > MicroSD card up to 64 GB, 4 GB pre-installed > MxBus and MiniUSB connections for interface boxes
 MX-D14D-VANDAL	Mobotix Vandal kit for D15 cameras	<ul style="list-style-type: none"> > Stainless steel cover > Reinforced dome (3mm polycarbonate) > Weather-proof (IP66) > Also suitable for D14
 MX-D24M-VANDAL	Mobotix Vandal kit for D24 & D25 cameras	 <ul style="list-style-type: none"> > Ideal for critical location security > Consists of stainless steel cover and security screws > Reinforced dome (3mm polycarbonate) > Available in polished, matt, gray, black, white
 MX-Q24M-VANDAL	Mobotix Vandal kit for Q24 & Q25 cameras	<ul style="list-style-type: none"> > Vandalism-proof housing including lens protection with reinforced dome (3mm polycarbonate) > Stainless steel, finish matt or polished > Including security screws > Ideal for critical location security

Fixed Dome

Part Number

Description

Features



Panasonic

- > IP internal vandal resistant domes
- > H.264 streaming
- > Vandal resistant, 2.8-10mm lens
- > PoE or 12V DC
- > Auto back focus

WV-SF548

1080p simple day/night, up to 30 ips, SDXC card recording

WV-SF549

1080p true day night, up to 30 ips, SDXC card recording



Panasonic

- > IP external vandal resistant domes
- > H.264 streaming
- > PoE or 12V DC
- > Auto back focus

WV-SW558

1080p simple day/night, SDXC card recording

WV-SW559

1080p true day night, SDXC card recording

WV-SFV611L

720p 60 ips, built-in IR LED (30m), dual SDXC card recording

WV-SFV631L

1080p 60 ips, built-in IR LED (30m), dual SDXC card recording



Panasonic

- > Compact IP external vandal resistant domes
- > H.264 streaming - up to 30 ips
- > IP66 vandal resistant, 1.95mm fixed lens
- > PoE only

WV-SW115

720p resolution SDHC recording simple day/night

WV-SW152

800 x 600 resolution simple day/night

WV-SW155

720p resolution simple day/night

WV-SW158

1080p resolution simple day/night



Pan Tilt Zoom (PTZ)

Part Number	Description	Features
Internal		
 B94	ACTi	
	1.3 MP mini-PTZ. 10x optical zoom, f4.9-49mm / F1.8-3.0. Superior low light sensitivity	<ul style="list-style-type: none"> > Compact design > DNR (Digital Noise Reduction) > WDR (Wide Dynamic Range) > H.264 high profile and MJPEG
	B95	<ul style="list-style-type: none"> > Digital input/output > 2-way audio (line-in, line-out) > Local storage (MicroSDHC/MicroSDXC) > Weatherproof (IP67); Vandal proof (IK10) > ONVIF compliant > 3 year warranty
	B96	2 MP mini-PTZ. 10x optical zoom, f4.9-49mm / F1.8-3.0. Superior low light sensitivity
B97	5 MP mini-PTZ. 10x optical zoom, f4.9-49mm / F1.8-3.0. Superior WDR	
 I91	ACTi	<ul style="list-style-type: none"> > Auto-focus (Easy installation, motion to auto-focus) > DNR (Digital Noise Reduction) > WDR (Wide Dynamic Range) > H.264 high profile and MJPEG > Digital input/output > 2-way audio (line-in, line-out) > Local storage (MicroSDHC/MicroSDXC) > Vandal resistant (IK09) > ONVIF compliant > 3 year warranty
	I92	1 MP 359° auto-flip. 30x optical zoom. D/N. Superior low light sensitivity, extreme WDR
 I93	ACTi	
	I94	2 MP 359° auto-flip. 30x optical zoom. D/N. Superior low light sensitivity, extreme WDR
	I95	1 MP 360° endless pan. 30x optical zoom. D/N. Superior low light sensitivity, extreme WDR
	I96	2 MP 360° endless pan, 30x optical zoom. D/N. Superior low light sensitivity, extreme WDR

Pan Tilt Zoom (PTZ)

Part Number

Description

Features



1.0W-H3PTZ-DC20

2.0W-H3PTZ-DC20

Avigilon

The Avigilon PTZ in ceiling camera, available in 1 MP and 2 MP resolutions, offers unsurpassed image quality with precise positioning and predictable high-speed tracking with 360° continuous rotation

- > 360 degree rotation
- > ONVIF compliant
- > 20x optical zoom
- > 30 IPS
- > H.264 and motion JPEG compression
- > Plug and Play
- > External microphone and speaker support for two-way audio
- > External I/O interface for connecting alarms and relays
- > PoE (Power over Ethernet)
- > 1 year warranty on mechanism, 3 years on camera



AXIS M5013

AXIS M5014

AXIS M5013-V

AXIS M5014-V

AXIS

Mini PTZ dome that gives the big picture

Mini PTZ dome that gives the big picture

Vandal-resistant PTZ dome that gives the big picture

HDTV, vandal-resistant PTZ dome the gives the big picture

- > Pan, tilt, zoom in an ultra-discreet design
- > HDTV 720p/SVGA and H.264
- > IP51- and IP66-rated
- > Power over Ethernet (IEEE 802.3af)
- > Built in microphone and audio detection (AXIS M5013/M5014)
- > Vandal resistant (AXIS M5013-V/M5014-V)



AXIS P5512

AXIS P5534



AXIS

Compact, affordable indoor PTZ dome with 12x zoom

HDTV pan/tilt/zoom camera with 18x zoom for indoor applications

- > Excellent video quality in HDTV 720p/D1 resolution
- > Day and night functionality
- > H.264 compression
- > Fast pan/tilt and powerful zoom
- > Intelligent video including Advanced Gatekeeper
- > Power over Ethernet (IEEE 802.3af),
- > PoE+ (IEEE 802.3at)

Pan Tilt Zoom (PTZ)

Part Number	Description	Features
 AXIS Q6042-C 50hz	AXIS	<ul style="list-style-type: none"> > Outstanding video quality in resolutions up to HDTV 1080p > Precision, high-speed pan/tilt and powerful zoom > Day and night functionality > Outdoor ready models with arctic temperature control > Pressurised, stainless steel models > Models with active cooling operating up to 75°C (165°F) > Enhanced intelligent video application
	Indoor, high speed PTZ dome with 36x zoom	
	AXIS Q6044-C 50hz	
	Indoor, high speed PTZ dome with HDTV 720p and 30x zoom	
AXIS Q6045	Indoor, high speed PTZ dome with HDTV 1080p and 20x zoom	
 WV-SC384E	Panasonic	<ul style="list-style-type: none"> > H.264 streaming - up to 30 ips > PoE or 12V DC
	720p, simple day/night 4.7-84.6mm (18x) optical zoom	
	WV-SC385E	
	720p, true day/night 4.7-84.6mm (18x) optical zoom	
WV-SC386E	720p, true day/night 3.3-119mm (36x) optical zoom, 360° endless panning, advanced auto tracking	

Contact sales for more information on Freephone
0800 881 5199 or email securitysales@mayflex.com



Pan Tilt Zoom (PTZ)

Part Number

Description

Features

External



1.0W-H3PTZ-DP20

2.0W-H3PTZ-DP20

Avigilon

The Avigilon PTZ pendant camera, available in 1 MP and 2 MP resolutions, offers unsurpassed image quality with precise positioning and predictable high speed tracking with 360° continuous rotation

- > 360 degree rotation
- > ONVIF compliant
- > 20 x optical zoom
- > 30 IPS
- > H.264 and motion JPEG compression
- > Plug and Play
- > External microphone and speaker support for two-way audio
- > External I/O interface for connecting alarms and relays
- > PoE (Power over Ethernet)
- > 1 year warranty on mechanism, 3 years on camera



AXIS P5512-E

AXIS

Compact, affordable outdoor-ready PTZ dome with 12x zoom

- > Excellent video quality in HDTV 720p/D1 resolution
- > Day and night functionality
- > H.264 compression
- > Fast pan/tilt and powerful zoom
- > 360° panoramic view with Panopsis technology (AXIS P5544)
- > Intelligent video including Advanced Gatekeeper
- > Power over Ethernet (IEEE 802.3af),
- > PoE+ (IEEE 802.3at)

AXIS P5534-E

Outdoor-ready HDTV camera with 18x zoom



AXIS P5414-E

AXIS

Intelligent direct drive PTZ dome with HDTV 720p

- > Outdoor wall mount design for easy installation
- > Repaintable, integrated sunshield
- > Durable, low maintenance mechanics
- > Up to HDTV 1080p with 18x optical zoom
- > Two way audio and input/output ports

AXIS P5415-E

Intelligent direct drive PTZ dome with HDTV 1080p



AXIS Q6042-E

AXIS

Outdoor, high speed PTZ dome with 36x zoom

- > Outstanding video quality in resolutions up to HDTV 1080p
- > Precision, high-speed pan/tilt and powerful zoom
- > Day and night functionality
- > Outdoor ready models with Arctic Temperature Control
- > Pressurised, stainless steel models
- > Models with active cooling operating up to 75°C (165°F)
- > Enhanced intelligent video application


AXIS Q6044-E

Outdoor, high speed PTZ dome with HDTV 720p and 30x zoom

AXIS Q6045-E

Outdoor, high speed PTZ dome with HDTV 1080p and 20x zoom

Pan Tilt Zoom (PTZ)

Part Number	Description	Features
 WV-SW395AE	Panasonic	
	720p, true day/night 4.7-84.6mm (18x) optical zoom	<ul style="list-style-type: none"> > H.264 streaming - up to 30 ips > PoE+ or 24V AC
	720p, true day/night 3.3-119mm (36x) optical zoom, 360° endless panning, advanced auto tracking	
WV-SW396E	720p, true day/night 3.3-119mm (36x) optical zoom, 360° endless panning, advanced auto tracking	
WV-SW396AE	720p, true day/night 3.3-119mm (36x) optical zoom, 360° endless panning, advanced auto tracking, rain resistant dome	

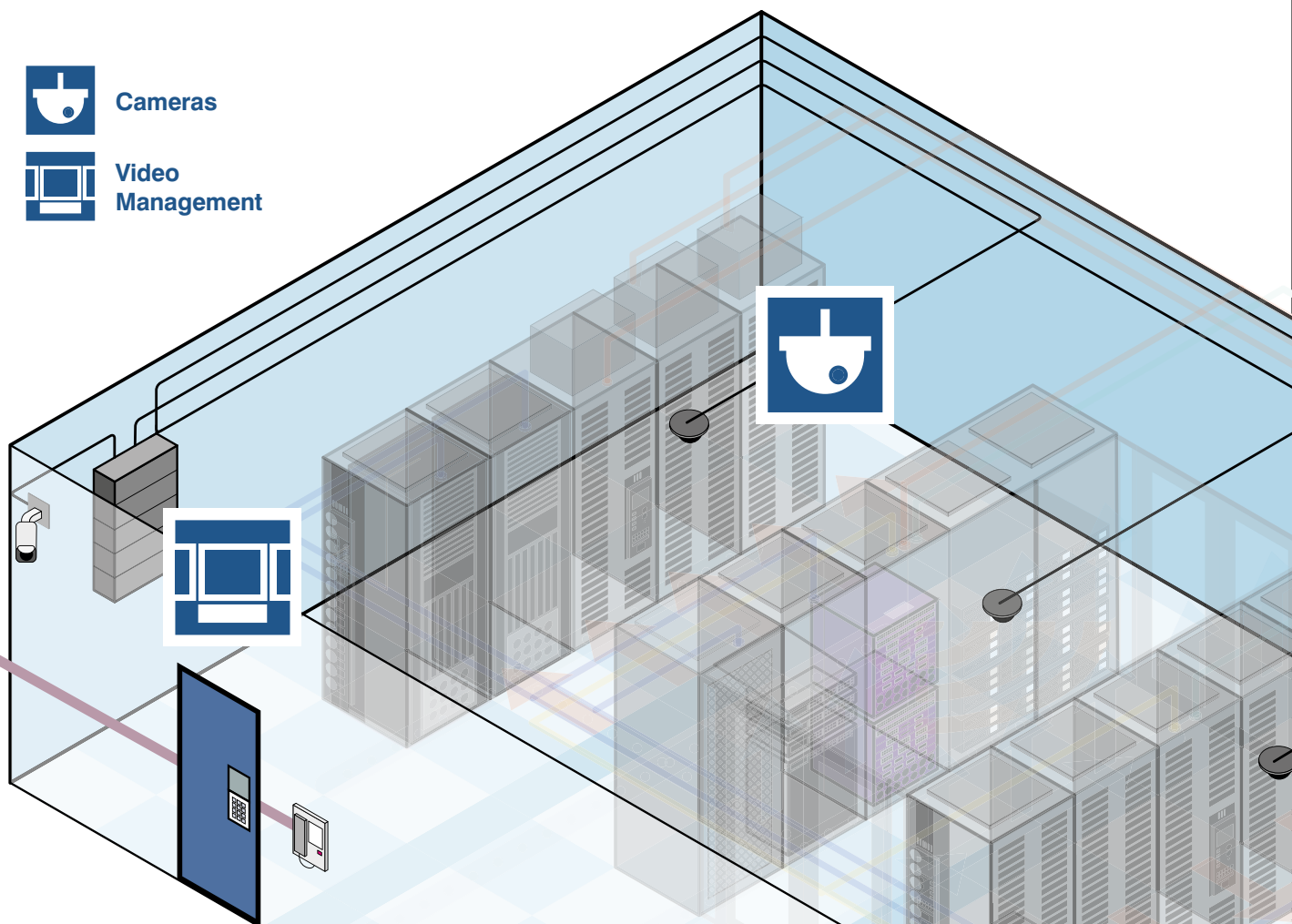
Monitor the external and internal environment from threats and record, store and manage the footage



Cameras



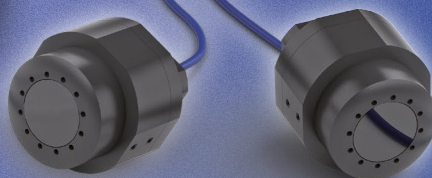
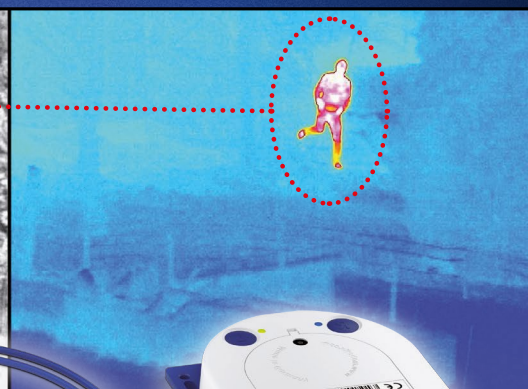
Video Management



MOBOTIX Dual Thermographic Cameras



M15D Dual Thermal with an additional color sensor for daylight images



S15D with two weatherproof thermal sensors on 2 m cables

Twice As Secure In Absolute Darkness.

MOBOTIX thermographic cameras sense thermal radiation to detect moving objects in absolute darkness and over long distances, even behind bushes and in smoky conditions. An integrated color camera guarantees an overview during the day. The unique **MOBOTIX ActivitySensor technology** automatically detects relevant objects and reliably ignores interference and irrelevant movements. The cameras are designed for continuous operation under difficult conditions and have been certified as weatherproof (IP66, 80,000 hours MTBF – Mean Time Before Failure).

For more information, visit www.mobotix.com > Products



Suitable for industrial applications

PoE

Power consumption <5 watts



Integrated MxActivitySensor motion analysis

IP66

Weatherproof -30°C to +60°C (-22°F to 140°F)



Certified for continuous operation



Energy-efficient Environmentally-friendly

Complete systems from GBP 3,079*

*Sold only to distributors or commercial clients • Prices excluding VAT/sales tax • Manufacturer's recommended retail price ex-factory Langmeil, Germany • Subject to change without notice

MOBOTIX

Thermal

Part Number

Description

Features


AXIS
AXIS Q1931-E PT Mount

Wide thermal coverage with pan/tilt flexibility

- > Thermal imaging for IP surveillance
- > Power over Ethernet
- > Lens alternatives for different applications
- > Intelligent video capabilities
- > Outdoor ready models with window heater

AXIS Q1931-E 7mm 30fps

Superior detection and wide range coverage

AXIS Q1932-E 10mm

Reliable detection and wide range coverage

AXIS Q1932-E PT Mount

Designed for pan-tilt motors


Mobotix
AllroundDual M15 thermal




- > Dual protection through thermal sensor for detection combined with a 5 MP sensor for identification
- > Thermal sensors available in 17°, 25° & 45° can be combined with full range of 5 MP sensors
- > Capable of detecting in complete darkness and/or through smoke, smog, or a thin plastic film
- > 50 mK thermal sensor with a temperature measuring range of -40 to +550°C/-40 to +1022°F
- > IP66 (-30°C to +60°C/-22°F to +140°F)
- > Low camera power consumption of max. 5.5 W (thermal sensor plus 5 MP sensor module)
- > Compatible with the free MxActivity sensor to provide extremely reliable video motion detection

MX-M15D-THERMAL




Mobotix
FlexMount S15 thermal

- > The world's first flexible dual thermal camera
- > Deployable in single, dual or mixed thermal mode
- > Dual protection through thermal sensor for detection combined with a 5 MP sensor for identification
- > Thermal sensors available in 17°, 25° & 45° can be combined with full range of 5 MP sensors
- > Capable of detecting in complete darkness and/or through smoke, smog, or a thin plastic film
- > 50 mK thermal sensor with a temperature measuring range of -40 to +550°C/-40 to +1022°F
- > IP66 (-30°C to +60°C/-22°F to +140°F)
- > Compatible with the free MxActivity sensor to provide extremely reliable video motion detection

MX-S15D-SEC-THERMAL

Part Number	Description	Features
	ACTi	
	1 MP fixed focal, f4.2mm / F1.8. D/N, IP66	<ul style="list-style-type: none"> > DNR (Digital Noise Reduction) > H.264 high profile and MJPEG > ONVIF compliant > 2 year warranty
	3 MP fixed focal, f4.2mm / F1.8. D/N, IP66	
	1 MP varifocal, f2.8-12mm / F1.4. D/N, 2-way audio. Digital input/output. IP68/IK10	
	3 MP varifocal, f2.8-12mm / F1.4. D/N, 2-way audio. Digital input/output. IP68/IK10	
	ACTi	 <h2>Video Library</h2>
	5 MP 12x optical zoom, f5.2-62.4mm / F1.8-3.0. D/N	
	1.3 MP 10x optical zoom, f4.9-49mm / F1.8-3.0. D/N. Superior low light sensitivity	
	2 MP 10x optical zoom, f4.9-49mm / F1.8-3.0. D/N. Superior low light sensitivity	
	3 MP 12x Optical zoom, f5.2-62.4mm / F1.8-3.0. D/N. Superior WDR	
	1 MP 30x zoom, f4.3-129mm / F1.6-5.0. D/N. Superior low light sensitivity, extreme WDR	
	2 MP 30x zoom, f4.3-129mm / F1.6-5.0. D/N. Superior low light sensitivity, extreme WDR	

Bullet





Part Number	Description	Features
	ACTi	
	E31A	
	E32A	
	E33A	
	E34A	
	E36	
	E37	
	E41B	
	E42B	
	E43B	
	E44A	
	E45A	
	E46A	
	AXIS	<ul style="list-style-type: none"> > HDTV image quality > Zoom and autofocus > Power over Ethernet > Intelligent video capabilities
	AXIS Q1765-LE	
	AXIS Q1765-LE PT (Mount)	

- > DNR (Digital Noise Reduction)
- > WDR (Wide Dynamic Range)
- > H.264 high profile and MJPEG
- > Digital input/output
- > 2-way audio (line-in, line-out)
- > Local storage (MicroSDHC/MicroSDXC)
- > Weatherproof (IP68); Vandal proof (IK10)
- > ONVIF compliant
- > 3 year warranty

Bullet

Part Number	Description	Features
 AXIS P1405-E AXIS P1405-LE AXIS P1425-E AXIS P1425-LE AXIS P1427-E AXIS P1427-LE AXIS P1428-E	AXIS	 <ul style="list-style-type: none"> > Wide range of models > 4K Ultra HD > Ease of installation > Optimised IR technology > Outdoor ready
	Compact and cost effective HDTV surveillance	
	Compact and cost effective HDTV surveillance	
	Compact and cost effective HDTV surveillance	
	Compact and cost effective HDTV surveillance with Optimized IR	
	Compact and cost effective 5 Megapixel surveillance	
	Compact and cost effective 5 Megapixel surveillance with optimised IR	
	Compact and cost effective 4K Ultra HD surveillance for exceptional details	
 1.0-H3-BO-IR 2.0-H3-BO-IR 3.0W-H3-BO-IR 5.0-H3-BO-IR	Avigilon The Avigilon HD Bullet camera with Adaptive IR technology adapts to scene conditions to ensure consistent lighting, regardless of scene conditions, to provide unparalleled image detail	<ul style="list-style-type: none"> > Multi Megapixel > High Image Rates > 3-9 mm F1.2 or 9-22 mm F1.6 P-Iris lens > 100 dB true dynamic range > Integrated IR (Infrared) LEDs, zoom and content adaptive IR > WDR functionality (3 MP resolution only) > ONVIF compliant API with H.264 and Motion JPEG compression > Automatic Day/Night functionality > Vandal resistant construction and IP66 compliant > POE (Power over Ethernet) > 3 year warranty
 WV-SP102 WV-SP105	Panasonic	<ul style="list-style-type: none"> > H.264 streaming - up to 30 ips > PoE or 12V DC
	VGA, simple day/night 2mm fixed lens	
	720p, simple day/night, 3.54mm fixed lens	

360° Hemispheric

Part Number	Description	Features
 E96	ACTi 5 MP fixed focal, f1.19mm / F2.0	<ul style="list-style-type: none"> > Compact design > DNR (Digital Noise Reduction) > WDR (Wide Dynamic Range) > H.264 high profile and MJPEG > Local storage (MicroSDHC/MicroSDXC) > Vandal resistant (IK08) > ONVIF compliant > 3 year warranty
E98	10 MP fixed focal, f1.37mm / F2.0	
 B54	ACTi 5MP fixed focal, f1.19mm / F2.0. D/N	<ul style="list-style-type: none"> > Local Dewarp (Dewarp on Camera) > DNR (Digital Noise Reduction) > WDR (Wide Dynamic Range) > H.264 high profile and MJPEG > Digital input/output > 2-way audio (line-in, line-out) > Local storage (MicroSDHC/MicroSDXC) > ONVIF compliant > 3 year warranty
B55	10MP fixed focal, f1.37mm / F2.0. D/N	
B56	3MP fixed focal, f1.19mm / F2.0. D/N, superior WDR	
I51	5 MP fixed focal, f1.05mm / F2.8. D/N, superior low light sensitivity, extreme WDR	
 E919	ACTi 3 MP fixed focal, f1.19mm / F2.0, superior WDR	<ul style="list-style-type: none"> > Compact design > DNR (Digital Noise Reduction) > WDR (Wide Dynamic Range) > H.264 high profile and MJPEG > 1-way audio (mic-in, line-in) > Local storage (MicroSDHC/MicroSDXC) > Weatherproof (IP68); Vandal proof (IK10) > Vibration proof (EN50155) > ONVIF compliant > 3 year warranty
E921	5 MP fixed focal, f1.19mm / F2.0	
E923	10 MP fixed focal, f1.37mm / F2.0	
 I71	ACTi 5 MP fixed focal, f1.05mm / F2.8. D/N, superior low light sensitivity	<ul style="list-style-type: none"> > Local Dewarp (Dewarp on Camera) > DNR (Digital Noise Reduction) > Extreme WDR (Wide Dynamic Range) > H.264 high profile and MJPEG > Digital input/output > 2-way audio (line-in, line-in) > Local storage (MicroSDHC/MicroSDXC) > Weatherproof (IP68); Vandal proof (IK10) > ONVIF compliant > 3 Year warranty

360° Hemispheric

Part Number	Description	Features
 <p>8.0MP-HD-DOME-180</p>	<p>Avigilon The 8 MP 180° HD Pano Dome camera gives complete 180-degree panoramic coverage from a single camera</p>	<ul style="list-style-type: none"> > Panoramic wide area coverage > Easy installation > Only 1 camera licence required > Alarm inputs and outputs > Audio onboard > POE (Power over Ethernet) > 3 year warranty > Multi Megapixel
 <p>8.0MP-HD-DOME-360</p>	<p>Avigilon The 8 MP 360° HD Panoramic Dome camera gives total 360-degree coverage from a single camera</p>	<ul style="list-style-type: none"> > Panoramic wide area coverage > Easy installation > Only 1 camera licence required > Alarm inputs and outputs > Audio onboard > POE (Power over Ethernet) > 3 year warranty > Multi Megapixel
 <p>AXIS M3007-P</p>	<p>AXIS</p> <p>Ultra discreet fixed mini dome with 360°/180° panoramic view</p>	<ul style="list-style-type: none"> > Affordably priced fixed mini domes for indoor/outdoor use > Compact, vandal resistant and outdoor ready designs > Wide angle and 360°/180° panoramic views > HDTV video quality > Easy, flexible installation on wall or ceiling > Edge storage
AXIS M3007-PV	Fixed mini dome with 360°/180° panoramic view	
AXIS M3027-PVE	Outdoor ready fixed mini dome with 360°/180° panoramic views	
 <p>MX-Q25M-SEC</p>	<p>Mobotix Hemispheric Q25</p>	<ul style="list-style-type: none"> > Hemispheric 360° allround view for complete room monitoring > High-resolution widescreen panorama from wall to wall, ideal for access control > Newest MOBOTIX 5 MP sensor technology with up to 30 fps and improved zoom > Optimised image quality and reduced motion blur even in poor lighting conditions > Digital continuous tilting, panning and zooming without mechanically moving the camera > Microphone, speaker, MxBus and intelligent movement sensors (MxActivitySensor) > Available in white, black & vandal versions

360° Hemispheric

Part Number	Description	Features
	Mobotix FlexMount S15	<ul style="list-style-type: none">> Dual hemispheric camera> Two HiRes 180° panorama 5 MP sensors. One S15D replaces up to eight standard cameras, with detailed, wall-to-wall panorama images of two connected or separate rooms.> Discreet miniature sensor modules including microphone no visible camera housing for inconspicuous appearance. Flexible installation thanks to two-meter sensor cables.> Mobile-Ready (DIN EN 50155). For buses, trains and other types of vehicles. Increased security thanks to HiRes video and audio. With minimal technical requirements.> Weatherproof professional solution (IP65)> Extremely robust and durable in indoor and outdoor environments> For day and night use, from -30 to +60° C (-22 to +140° F). No additional heating required> Decentralised complete system with on-board image processing guarantees a minimal network load. Long-term storage on an internal SD card or externally on NAS> Low total costs. Low power consumption with under 5 watts (PoE supply). No wearing mechanical moving parts. Free-of-charge software for PC, tablet and smartphone> Sensors available in white and black, with various mounts
MX-S15D-SEC		
	Panasonic	
WV-SF438	Internal 360 dome	<ul style="list-style-type: none">> H.264 streaming - up to 30 ips> 3.1 Megapixel - images up to 1920 x 1080 simple day/night> PoE or 12V DC
WV-SF448	Internal vandal resistant 360 dome	
WV-SW458	External vandal resistant 360 dome	
		

MOBOTIX Tutorials

MOBOTIX Software downloads

Part Number

Description

Features

**AXIS****AXIS P1204**

Miniature HDTV pinhole camera for discreet surveillance

- > Functional and extremely discreet design
- > Easy and flexible installation
- > HDTV 720p
- > Edge storage
- > Multiple H.264 streams
- > Power over Ethernet

AXIS P1214

Miniature HDTV pinhole camera for discreet surveillance

AXIS P1224-E

Miniature wide-angle HDTV camera for discreet outdoor surveillance

**MOBOTIX HiRes Video Clips**

Partner of Choice

Outstanding customer service.

Investors in Customers rated our customer service as outstanding, awarding us their IIC 2* award!

For more information visit

www.mayflex.com/service-essentials
All together.**MAYFLEX**

Housings, Mounts & Accessories

Part Number	Description	Features
PMAX-0101	ACTi Mount kit for all dome cameras (except mini domes)	
PMAX-0303	ACTi Gooseneck	
PMAX-0305	ACTi Heavy duty wall mount	
PMAX-0310	ACTi Tilted wall mount for indoor hemispheric/fisheye cameras	
PMAX-0312	ACTi PTZ wall mount (for I93~I96)	
PMAX-0313	ACTi Wall mount for indoor domes	
PMAX-0314	ACTi Wall mount for outdoor domes	
PMAX-0316	ACTi Wall mount (for D5x, D9x, E5x, E9x, E9xx/M)	
PMAX-0402	ACTi Corner mount	
PMAX-0503	ACTi Pole mount	
PMAX-0802	ACTi Surface mount for outdoor hemispheric cameras	
PMAX-0806	ACTi Gang box converter (for B4x, E44, E45, E46, E44A, E45A, E46A), supports 4" Round and 4" octagon boxes	
PMAX-0808	ACTi Converter ring, 1.5" NPT for third-party mounting accessories	
PMAX-1003	ACTi Flush mount kit (for D6x, D7x, D8x, E61~E67, E7x, E81~E88)	
PMAX-1101	ACTi Bracket for outdoor box cameras (KCM-5211E, KCM-5511, KCM-5611, box cameras with outdoor housing)	
PMAX-1103	ACTi Bracket for bullet cameras (D3x, D4x, E3x, E41~E43 only)	

Housings, Mounts & Accessories

Part Number

Description

Features



MX-NPA-POE-INT-SET

Mobotix

PoE injector set international for M24, D24, Q24, Mx2Wire and all PoE

- > For all MOBOTIX cameras (except for M1 and M10), Mx2wire and all PoE devices
- > For connection to the power network, to voltage sources 12 - 42 V, to all PoE classes with input voltage starting from 16 V



MX-OPT-Patch1-EXT

Mobotix

Universal network connector for installation cables

- There are two options to use the PatchBox:
- > Weatherproof connection of the patch cable of an IP device with the network installation cable (e.g. Cat 5)
 - > Weatherproof connection of the patch cable of an IP device with the network patch cable (RJ45 plug)



MX-OPT-NPA1-EXT

Mobotix

Weatherproof PoE injector and network connector
(-30 to +60 °C / -22 to +140 °F; IP65)

- > IEEE 802.3af network power adapter (NPA) for power supply by external power supply units and batteries from 12 to 57 V DC
- > Weatherproof power supply, e.g. for an IP camera
- > Complete set including assembly parts



MX-OPT-GPS1-EXT

Mobotix

Weatherproof GPS time base for MOBOTIX systems
(-30 to +60 °C / -22 to +140 °F; IP65) outdoor temperature and illumination sensors. Connects via 2-wire cable (not with Q24, D24, M24)

- > GPS time base for MOBOTIX cameras with MxBus (not with Q24, D24, M24)
- > New camera alarms available (position, speed, illumination)
- > Remote installation (max. 50 m/55 yd wire length)
- > Complete set including mounting supplies









MX-OPT-RS1- EXT

Mobotix






Weatherproof signal input/output
(-30 to +60 °C / -22 to +140 °F; IP65). Connection of external sensors and switching of external devices via MOBOTIX cameras; RS232 interface, connection to camera using USB or MxBus

- > 2 self-powered inputs for connecting sensors
- > 2 outputs: 1 powered output, 1 isolated relay output (can be switched to second powered output)
- > RS232 interface when using MOBOTIX USB cable to connect to camera

Housings, Mounts & Accessories

Part Number	Description	Features
 MX-FLEX-OPT-AM-BL	Mobotix S15 audio mount	<ul style="list-style-type: none"> > Mounting adapter to allow S15M to function as a door station / intercom > Built-in loudspeaker and microphone, including a connection cable > Fast, easy and concealed installation using adhesive tape (e.g. behind stainless steel plate)
 MX-FLEX-OPT-DM-PW	Mobotix S15 dual mount For surveillance of one area with two sensor modules (in particular, for day and night)	<ul style="list-style-type: none"> > All available sensor modules S14D or S15D can be installed in the DualMount (not included) > Concealed cabling, weatherproof from -30 to +60 °C (IP65) > Suitable for ceiling installation, with a 25° tilt of the lenses
 MX-FLEX-OPT-SM-PW	Mobotix S15 surround mount For surveillance of long and narrow spaces (e.g., bus, train, hallway, etc.) without blind spots	<ul style="list-style-type: none"> > Two sensor modules can be integrated in the mount S14D or S15D (not included) > Concealed cabling, weatherproof from -30 to +60 °C (IP65) > Suitable for ceiling installation, with a 25° tilt of the lenses
 MX-PTMount-OPT-PW	Mobotix PTMount	<ul style="list-style-type: none"> > Manually adjustable dome mount for one sensor module (not included) > Features 3 way rotating axis to compensate for sideways tilt and horizontal alignment when wall mounted > Suitable for all available sensor modules for S14D/S15D > Concealed cabling, weatherproof from -30 to +60°C/-22 to 140°F (IP66) > Suitable for ceiling or wall installation
 MX-HALO-EXT	Mobotix S15 halo mount Discreet ceiling mount	<ul style="list-style-type: none"> > Suitable for all sensor modules S14D and S15D (not included) > Flexible setting of inner ring, sensor module can be tilted up to 20° > High-quality metal design, available in five colours: white, black, chrome, matt chrome and brushed nickel
 MX-HALO-SP-EXT-PW	Mobotix S15 speaker mount Discreet ceiling speaker mount	<ul style="list-style-type: none"> > Integrated speaker including mount, white or matt chrome > Suitable for the installation in ceilings or walls, indoor (IP20) > Compatible with all FlexMount cameras (mono and dual) > Direct connection via two-wire cable, no additional power supply unit needed > Inner ring with speaker can be tilted up to 20°

Housings, Mounts & Accessories

Part Number	Description	Features
 <p>MX-OPT-IC</p>	<p>Mobotix D25 / Q25 in-ceiling mount in-ceiling mount for D25 & Q25 models</p>	<ul style="list-style-type: none"> > Consists of in-ceiling mount and mounting parts > Easy mounting from front > Installation dimension: 150 mm
 <p>MX-OPT-AP</p>	<p>Mobotix D25 / Q25 on-wall set On-wall mount for D25 & Q25 models</p>	
 <p>MX-OPT-AP-10DEG</p>	<p>Mobotix D25 / Q25 10 degree on-wall set The on-wall set allows the mounting of the camera at a 10° tilt angle. Moreover, it reliably protects external cables if the cables cannot be guided from below the housing but have to be led above the wall. In addition, the on wall mount provides ample space for extra modules.</p>	<ul style="list-style-type: none"> > Consists of on-wall mount and mounting parts > Protects the cabling and allows integrating additional modules within the on-wall mount > Dimensions: 166 mm x 74 mm
 <p>MX-OPT-WH</p>	<p>Mobotix D25 / Q25 outdoor wall-mount Weatherproof (IP65) wall mount</p>	<ul style="list-style-type: none"> > Covers RJ45 wall outlets > Space for expansion modules (battery, UMTS, WLAN, etc.)
 <p>MX-OPT-MH</p>	<p>Mobotix D25 / Q25 pole mount Pole mount for use with wall mount</p>	<ul style="list-style-type: none"> > Fastening for dome wall mount MX-OPT-WH D24 & Q24 > 3 mm stainless steel, white > Delivery includes mounting parts and 2 stainless steel straps for pole diameters of 60 - 180 mm

Housings, Mounts & Accessories

Part Number	Description	Features
 MX-OPT-WHMH	Mobotix D25 / Q25 set pole mount and wall mount Set consisting of pole mount (MX-OPT-MH) and wall mount (MX-OPT-WH) for D24 & Q24	<ul style="list-style-type: none"> > Delivery with mounting parts and 2 stainless steel straps for pole diameters of 60 - 180 mm > Wall mount is weather-proof (IP65) for protection of D22/D24 MonoDome > Covers RJ45 wall outlets > Space for expansion modules (battery, UMTS, WLAN, etc.)
 MX-WH-Dome	Mobotix D15 wall mount	<ul style="list-style-type: none"> > Used with wall mount the DualDome is weather-proof (IP65) > Covers RJ45 wall outlets > Space for expansion modules (WLAN)
 MX-MH-Dome-ESWS	Mobotix D15 pole and corner mount	<ul style="list-style-type: none"> > Fastening for dome wall mount > 3mm stainless steel, white > Includes screws and stainless steel straps for pole diameters 60-180mm
 MX-D14D-OPT-WHMH-Set	Mobotix D15 set pole mount and wall mount Set consisting of pole/corner mount (MX-MH-Dome-ESWS) and wall mount (MX-WH-Dome)	<ul style="list-style-type: none"> > Pole/corner Mount: 3 mm stainless steel, white > Delivery with mounting parts and 2 stainless steel straps for pole diameters of 60-180mm > Used with wall mount D15 DualDome is weather-proof (IP65) > Covers RJ45 wall outlets > Space for expansion modules (WLAN)
 MX-MH-SecureFlex-ESWS	Mobotix M25 pole mount	<ul style="list-style-type: none"> > 3mm stainless steel, white > Mast or pole mounting > Pole circumference from 60 to 180mm > 2 x metal mounting bands, fittings and grommet included
CW960WB/S	Panasonic Wall mount for the WV-SW395, WV-CW590 and WV-CW594, WV-SW396	
CW960CM/S	Panasonic Corner mount adapter to be used in conjunction with the CW960WB/S	
CW960SN/S	Panasonic Swan neck for the WV-NW960, WV-NW964, WV-SW395, WV-CW590 and WV-CW594, WV-SW396	
CW960PM/S	Panasonic 30cm pendant mount for the WV-SW395, WV-CW590 and WV-CW594, WV-SW396	

Mobotix Lenses

Lenses from super wide angle (82°) to Tele (13°) for all MOBOTIX cameras with a 5 MP sensor.
In the colour sensors, the infrared CUT filter is NOT in the lens, but rather already installed in the lens casing of the camera. L320 is for AllroundMono M25 and in connection with long lens cover only.



Lens Unit	Name	Angle	Focal Length
L25	Super wide angle 82°	82° x 61°	f = 4 mm (25 mm)
L38	Wide angle 55°	55° x 41°	f = 6 mm (38 mm)
L51	Wide angle 40°	40° x 30°	f = 8 mm (51 mm)
L76	Tele 27°	27° x 20°	f = 12 mm (76 mm)
L160	Tele 13°	13° x 10°	f = 25 mm (160 mm)
L320	Super-tele 7°	7° x 5°	f = 50 mm (320 mm)

Part Number	Description	Image Width and Height
MX-OPT-F2.0-L22-L25	L25 super wide angle	<ul style="list-style-type: none"> > Distance of 1 Metre - 1.7 x 1.2 Metres > Distance of 5 Metres - 8.7 x 5.9 Metres > Distance of 10 Metres - 17.4 x 11.9 Metres > Distance of 20 Metres - 34.7 x 23.7 Metres > Distance of 50 Metres - 86.8 x 59.3 Metres
MX-OPT-F2.0-L43-L51	L51 wide angle	<ul style="list-style-type: none"> > Distance of 1 Metre - 0.7 x 0.5 Metres > Distance of 5 Metres - 3.6 x 2.7 Metres > Distance of 10 Metres - 7.2 x 5.4 Metres > Distance of 20 Metres - 14.5 x 10.8 Metres > Distance of 50 Metres - 36.2 x 27.0 Metres
MX-OPT-F2.5-L135-L160	L160 tele	<ul style="list-style-type: none"> > Distance of 1 Metre - 0.2 x 0.2 Metres > Distance of 5 Metres - 1.1 x 0.9 Metres > Distance of 10 Metres - 2.3 x 1.7 Metres > Distance of 20 Metres - 4.6 x 3.4 Metres > Distance of 50 Metres - 11.4 x 8.6 Metres
MX-OPT-F2.5-L270-L320	L320 super tele	<ul style="list-style-type: none"> > Distance of 1 Metre - 0.1 x 0.1 Metres > Distance of 5 Metres - 0.6 x 0.4 Metres > Distance of 10 Metres - 1.1 x 0.9 Metres > Distance of 20 Metres - 2.3 x 1.7 Metres > Distance of 50 Metres - 5.7 x 4.3 Metres

Mobotix Lenses

Lenses from super wide angle (82°) to tele (13°) for all MOBOTIX D15 cameras.
Low-pass filter version is also available for LPR.

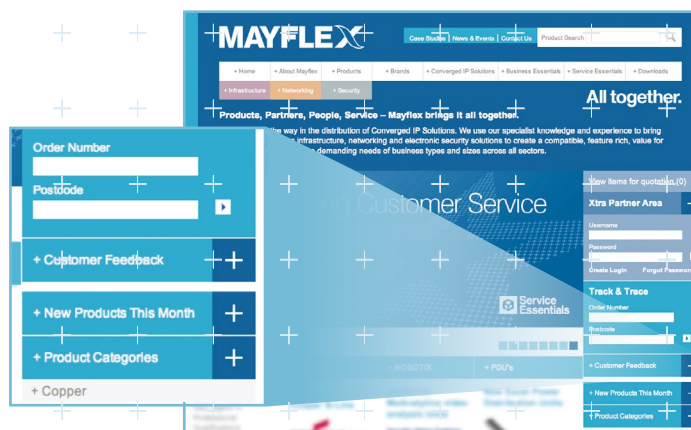


Part Number	Description	Image Width and Height
MX-D15-Module-D25	L25 super wide angle day	<ul style="list-style-type: none"> > Distance of 1 Metre - 1.7 x 1.2 Metres > Distance of 5 Metres - 8.7 x 5.9 Metres > Distance of 10 Metres - 17.4 x 11.9 Metres > Distance of 20 Metres - 34.7 x 23.7 Metres > Distance of 50 Metres - 86.8 x 59.3 Metres
MX-D15-Module-N25	L25 super wide angle night	
MX-D15-Module-D51	L51 wide angle day	<ul style="list-style-type: none"> > Distance of 1 Metre - 0.7 x 0.5 Metres > Distance of 5 Metres - 3.6 x 2.7 Metres > Distance of 10 Metres - 7.2 x 5.4 Metres > Distance of 20 Metres - 14.5 x 10.8 Metres > Distance of 50 Metres - 36.2 x 27.0 Metres
MX-D15-Module-N51	L51 wide angle night	
MX-D15-Module-D160	L160 tele day	<ul style="list-style-type: none"> > Distance of 1 Metre - 0.2 x 0.2 Metres > Distance of 5 Metres - 1.1 x 0.9 Metres > Distance of 10 Metres - 2.3 x 1.7 Metres > Distance of 20 Metres - 4.6 x 3.4 Metres > Distance of 50 Metres - 11.4 x 8.6 Metres
MX-D15-Module-N160	L160 tele night	

We want your Feedback

At Mayflex we are continually looking for ways in which we can improve our service levels. Our online **customer survey** consists of 7 open ended questions which are quick and easy to answer.

Find the survey on the homepage of the Mayflex website.



Mobotix Lenses

Lenses for S15 and M15 with integrated lens, image sensor and microphone.

Preassembled for ceiling or wall mounting.

Easy connection to the housing via quick connector.

Protection class: IP66




The visible external part of the sensor module is available in white and black, enabling it to blend into most installation environments indoors and outdoors.



Part Number	Description	Image Width and Height
MX-SM-D12-PW	Sensor module day, L12, white	<ul style="list-style-type: none"> > Distance of 1 Metre - 1.7 x 1.2 Metres > Distance of 5 Metres - 8.7 x 5.9 Metres > Distance of 10 Metres - 17.4 x 11.9 Metres > Distance of 20 Metres - 34.7 x 23.7 Metres > Distance of 50 Metres - 86.8 x 59.3 Metres
MX-SM-D12-BL	Sensor module day, L12, black	
MX-SM-D25-PW	Sensor module day, L25, white	<ul style="list-style-type: none"> > Distance of 1 Metre - 1.7 x 1.2 Metres > Distance of 5 Metres - 8.7 x 5.9 Metres > Distance of 10 Metres - 17.4 x 11.9 Metres > Distance of 20 Metres - 34.7 x 23.7 Metres > Distance of 50 Metres - 86.8 x 59.3 Metres
MX-SM-D25-BL	Sensor module day, L25, black	
MX-SM-D51-PW	Sensor module day, L51, white	<ul style="list-style-type: none"> > Distance of 1 Metre - 0.7 x 0.5 Metres > Distance of 5 Metres - 3.6 x 2.7 Metres > Distance of 10 Metres - 7.2 x 5.4 Metres > Distance of 20 Metres - 14.5 x 10.8 Metres > Distance of 50 Metres - 36.2 x 27.0 Metres
MX-SM-D51-BL	Sensor module day, L51, black	
MX-SM-D160-PW	Sensor module day, L160, white	<ul style="list-style-type: none"> > Distance of 1 Metre - 0.2 x 0.2 Metres > Distance of 5 Metres - 1.1 x 0.9 Metres > Distance of 10 Metres - 2.3 x 1.7 Metres > Distance of 20 Metres - 4.6 x 3.4 Metres > Distance of 50 Metres - 11.4 x 8.6 Metres
MX-SM-D160-BL	Sensor module day, L160, black	

Also available in other angles and in monochrome

Lenses - Specialist

Part Number	Description	Features
 MX-OPTCS-L24-54	Mobotix Vario lens for sensors with CS thread	> f = 4.5 up to 10mm (approx. 24 to 54mm on 35mm systems)
 MX-SM-OPT-POL	Mobotix Polarisation Filter	
 MX-BFM-MX-D12	Mobotix BlockFlexMount module day, L12	
MX-BFM-MX-D25	BlockFlexMount module day, L25	
MX-BFM-MX-D51	BlockFlexMount module day, L51	
MX-BFM-MX-D160	BlockFlexMount module day, L160	
MX-BFM-MX-D320	BlockFlexMount module day, L320	> Enhanced S15D system solution based on the latest MOBOTIX technology (5 MP, MxLEO etc.) > One or two BlockFlexMount sensor modules are connected to the S15D with a sensor cable just like the standard sensor modules > BlockFlexMount contains a microphone, status LEDs > Protection class IP30 (protected against access with a tool) > Ambient temperature range: 0°C to +50°C/32°F to 122°F
MX-BFM-MX-N12	BlockFlexMount module night, L12	
MX-BFM-MX-N25	BlockFlexMount module night, L25	
MX-BFM-MX-N51	BlockFlexMount module night, L51	
MX-BFM-MX-N160	BlockFlexMount module night, L160	
MX-BFM-MX-N320	BlockFlexMount module night, L320	

Part Number	Description	Features
 MX-BFM-MX-N25-LPF	Mobotix	
	BlockFlexMount module night, L25, long pass filter	
	MX-BFM-MX-N51-LPF	BlockFlexMount module night, L51, long pass filter
	MX-BFM-MX-N160-LPF	BlockFlexMount module night, L160, long pass filter
	MX-BFM-MX-N320-LPF	BlockFlexMount module night, L320, long pass filter
 MX-BFM-CS-D	Mobotix	
	BlockFlexMount sensor module day, CS mount	<ul style="list-style-type: none"> > Enhanced S15D system solution based on the latest MOBOTIX technology (5 MP, MxLEO etc.) > One or two BlockFlexMount sensor modules are connected to the S15D with a sensor cable just like the standard sensor modules > BlockFlexMount contains a microphone, status LEDs > Protection class IP30 (protected against access with a tool) > Ambient temperature range: 0°C to +50°C/32°F to 122°F
	MX-BFM-CS-N	BlockFlexMount sensor module night, CS mount
	MX-BFM-CS-N-LPF	BlockFlexMount sensor module night, CS mount, long pass filter



VARIO^{iP} PoE

network illuminators



Full Lighting Control
Anytime, Anywhere

rayTEC[®]

www.rayteccctv.com

Part Number

Description

Features

VARIO Multi Angle Lighting



VAR-i8-1

VAR-i4-1

VAR-i2-1

VAR-w8-1

VAR-w4-1

VAR-w2-1

Raytec

VARIO is a new range of infra-red and white light low voltage LED illuminators, combining the latest advances in optics, remote control, electronic feedback and green technology into an outstanding all-round package. VARIO's sophisticated optical system provides interchangeable lensing, allowing users to adjust the angle of illumination on site to a precise and pre-defined angle, slotting in a different angle lens when required. A standard VARIO kit includes interchangeable lenses to deliver angles of 10 x 10, 35 x 10 and 60 x 25 degrees out of the box; enough flexibility to cover most applications. Other angles are available on request. VARIO allows cameras to produce much better night time images, and achieves longer illumination distances compared to standard LED lighting

- > Interchangeable lensing
- > Remote control
- > Hot-spot reduction technology
- > LED status indicator
- > Distances up to 220m

VARIO Adaptive Illumination



VAR-i8-3

VAR-i4-3

VAR-i8-2

VAR-i4-2

VAR-w8-3

VAR-w4-3

VAR-w8-2

VAR-w4-2

Raytec

VARIO adaptive illumination™ illuminators provide more flexibility, more power, and even greater distances. Available in double and triple panel variants, the VARIO AI range allows quick and easy adjustment of the horizontal beam pattern anywhere from 10-180°

- > Adaptive illumination™
- > More power, greater distances
- > Adjustable horizontal angle
- > Angles from 10-180°

Lighting

Part Number

Description

Features

VARIO IPPoE Network Illuminators



VAR-IPPOE-i8-1

VAR-IPPOE-i4-1

VAR-IPPOE-w8-1

VAR-IPPOE-w4-1

Raytec

VARIO IPPoE is the first range of CCTV illuminators with IP and PoE capability. Available in both infra-red and white-light, VARIO IPPoE provides dedicated IPPoE lighting allowing for remote set up, commissioning, operation and adjustment of a lighting scheme via integrated web interface, VMS/BMS or HTTP commands

- > Dedicated IPPoE lighting for network cameras
- > Integrated web interface
- > Advanced lighting settings with individual or group control
- > API for VMS/BMS or HTTP commands

VARIO Hybrid



VAR-hy8-1

Raytec

VARIO Hybrid is a new all-in-one lighting solution, seamlessly combining Raytec's latest Infra-Red and White-Light LED technology into a single unit for easy installation and increased functionality. VARIO Hybrid provides IR for surveillance and works in conjunction with external detectors to provide event triggered White-Light as a visible crime deterrent or to provide additional colour picture information

- > Infra-red and white-light - all in a single unit
- > Infra-red for surveillance and white-light for deterrent or more detailed colour picture information
- > Easy switch-over via volt-free input
- > Distances up to 208m(682ft) IR and 134m(440ft) WL
- > Interchangeable lensing

VARIO Remote Control



VAR-RC-V1

Raytec

Optional hand held VARIO remote control offers the ultimate functionality and flexibility via its remote control set-up, which can operate multiple units

VARIO Daytime Set Up Tool



VAR-DST

Raytec

Daytime set-up/positioning tool for all VARIO lighting units

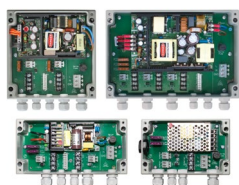
Lighting

Part Number

Description

Features

VARIO Power Supply Units



VAR-PSU-1x2

VAR-PSU-2x4

VAR-PSU-2x8

VAR-PSU-3x8

Raytec

VARIO PSUs are designed to correctly power all VARIO illuminators including VARIO IP, providing a range of advanced features and the easiest, quickest and safest wiring and installation platform. VARIO PSUs provide the option to run multiple lights from one PSU, and offer Cat 5 connectivity for VARIO IP network illuminators

- > Purpose designed PSU for all VARIO illuminators
- > Multiple outputs
- > Cat 5 connector
- > Fast connect wiring
- > White-light LED status indicators
- > IP66 aluminium enclosure

RAYMAX Infra Red



RM300-AI-XX*

RM200-AI-XX

RM150-AI-XX*

RM100-AI-XX

RM50-AI-XX

RM25-XX

Raytec

High performance, low energy, RAYMAX infra-red LED illuminator designed to work in conjunction with any black and white or day/night camera delivering excellent images at night. Available in 10°, 30°, 50° & 120° options, includes PSU with control features (add -10/-30/-50/-120 to part code). 940nm covert options also available

- > Adaptive illumination™
- > Low running costs
- > Zero maintenance
- > 10 year running Life
- > Vandal resistant
- > 5 year warranty
- > 360° coverage with 2 units
- > Individual product distances available; 35m, 75m, 150m, 183m, 300m and 370m

PRODUCT SELECTOR



ENERGY CALCULATOR



Raytec have a number of online tools to help you select the correct product for a job and also calculate energy consumption. By answering 3 short questions, the product selector helps a user to specify the best lighting for a project quickly and easily. The energy calculator is an excellent tool that helps you to work out exactly how much it costs to run each lighting unit.

Lighting

Part Number

Description

Features

RAYMAX White Light



Raytec

High performance, low energy, RAYLUX white-light LED illuminator, designed to work in conjunction with any colour or monochrome camera delivering excellent images at night. Available in 10°, 30°, 50° and 120° options, includes PSU with control features (add -10/-30/-50-120 to part code).

- > Adaptive illumination™
- > Low running costs
- > Zero maintenance
- > 10 year running life
- > Vandal resistant
- > 5 year warranty
- > Quick start
- > Accurate colour rendition
- > 360° coverage with 2 units
- > Individual product distances available; 35m, 60m, 120m, 150m, 200m and 240m

RL300-AI-XX*
RL200-AI-XX
RL150-AI-XX*
RL100-AI-XX
RL50-AI-XX
RL25-XX

Lighting - Specialist

High Power PoE Lighting



Raytec

RAYMAX infra-red, high power PoE illuminators provide LED lighting for network cameras via a PoE (Power over Ethernet) enabled infrastructure. With an in-built photocell plus internal 'Command and Control™' electronics the RAYMAX 50 HP PoE is truly 'plug and play', available in 10°, 30°, 50° & 120° options (add -10/-30/-50-120 to part code). 940nm covert options also available

- > Distances up to 60m (197ft)
- > PoE input
- > Integrated PSU with command and control technology
- > Internal and external options
- > Low running costs
- > Zero maintenance
- > Vandal resistant
- > IP66 rated
- > 5 year warranty
- > White light PoE options also available

RM50-XX-POE

Part Number

Description

Features

RAYLUX Urban White Light

**Raytec**

With all the benefits of Raytec's core technology, RAYLUX Urban provides White-Light for safer environments when lighting is required not just for cameras, but also for people. Urban illuminators have an attractive design making them suitable for down-lighting applications. They also deliver high power, low energy illumination designed to improve the performance of any CCTV system during the hours of darkness. Available in circular and elliptical beam patterns, includes PSU with control features (add -50/-120/-120Hx80V to part code).

- > Crystal clear white-light
- > Significant energy savings
- > Zero maintenance
- > Quick-start
- > 5 year warranty
- > Various lumen outputs available; 1600, 1650, 3001 and 4700

UBA-48-XX

UBA-32-AA

UBF-24-XX

UBF-16-XX

RAYLUX Urban Plus street lighting and RAYLUX Urban Bay industrial lighting are also available

SPARTAN Hazardous Area Lighting

**Raytec**

New SPARTAN ATEX/ IEC Ex LED floodlights are designed as the most efficient hazardous area lighting solution for all Zone 1 and Zone 2 applications, delivering huge energy and maintenance savings, whilst ensuring the highest level of performance and reliability. Its modular design with removable PSU and LED modules allows for easy access and inspection - perfect for an environment where regular maintenance checks are crucial

- > ATEX compliant and IEC Ex certified for Zone 1 and Zone 2
- > Ultra Long Life, low power consumption, low running costs
- > Modular design and removable PSU for easy installation, maintenance and inspection
- > High lumen out put up to 9000 lumens
- > CoolXtrude Thermal Management System
- > 60% better heat dissipation than other lighting solutions
- > Wide Operating temperature -52°C to +55°C
- > Emergency Variants Available
- > 5 Year Warranty

SPX-FL24-W-1010

SPX-FL24-W-3030

SPX-FL24-W-5050

SPX-FL24-W-120120



The best of breed solution for your IP CCTV network

Available in

8, 24 & 48 Port versions
1U Design



Easily Scaleable Simplified Network

Scalability with Extreme XOS
a modular operating system
covering every switch
in the range

Deploy PoE & PoE+

with IEEE 802.30t
10/100/1000 Mbp/s Ports *

The Future...

Up to 4 fixed front panel

SFP Unpopulated ports
for fibre backbone and
network linking

Policy based QoS

with advanced traffic
management for
converged / IP CCTV
applications

API

Integrate best of breed
applications into your
systems with an open,
yet secure XML-based
programming interface (API)

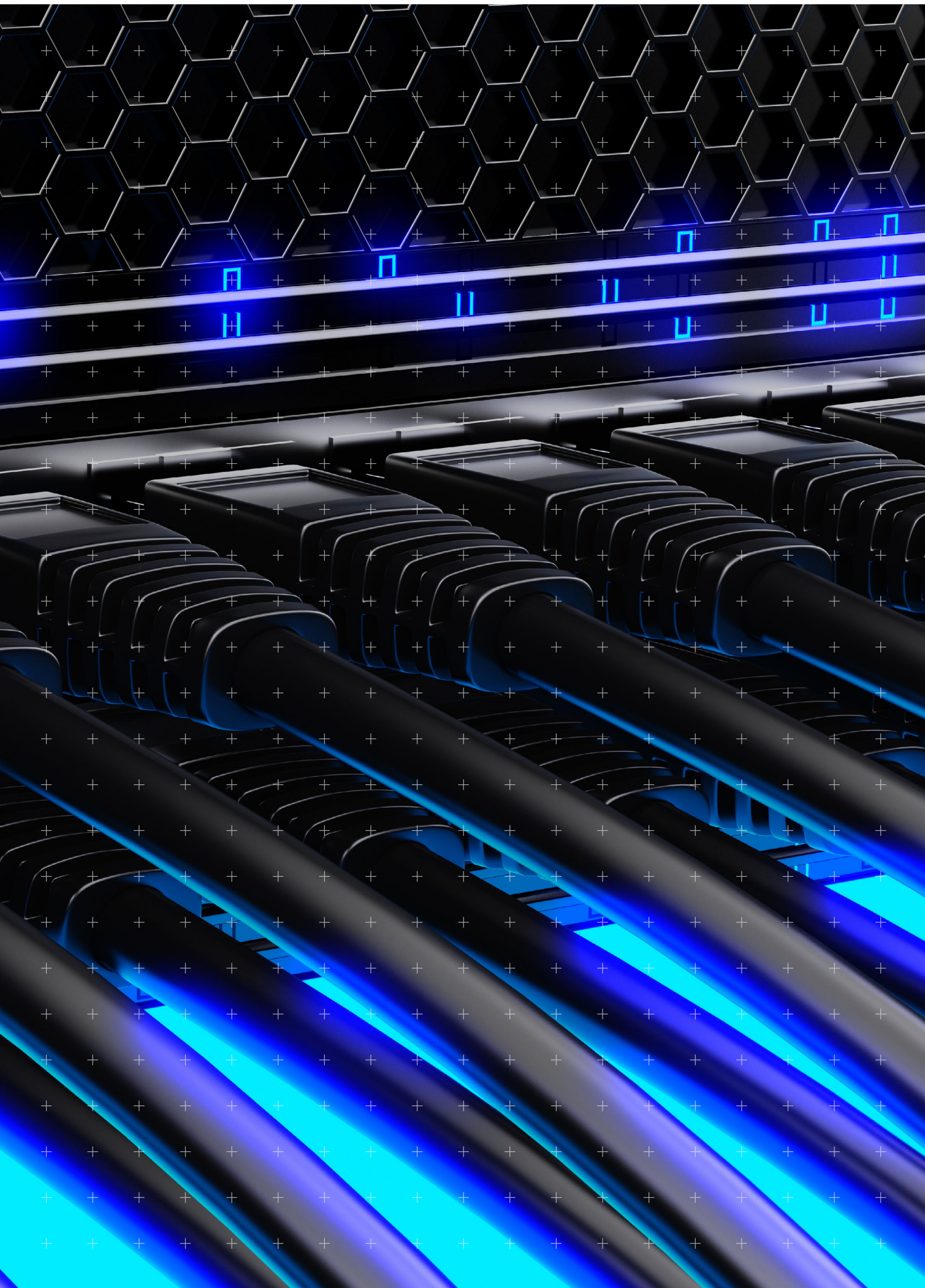
Reliability

Build highly resilient
and secure networks
for the most critical
systems

Traffic Management

8 Hardware queues per port
to support traffic classification
for reliable video streaming
and Multicast traffic

* 8 & 24 Port Versions



Ethernet Switches

Part Number

Description

Features

Extreme Networks Summit X430 Series

The Extreme Networks Summit X430 series Gigabit Ethernet standalone switches provide network edge connectivity for enterprises, branch offices, and small and medium-sized businesses.

**EX16515**

8 x 10/100/1000BASE-T PoE+, 2
1000BASE-X unpopulated SFP

EX16516

24 x 10/100/1000BASE-T, 4
1000BASE-X unpopulated SFP

EX16517

24 x 10/100/1000BASE-T PoE+, 4
1000BASE-X unpopulated SFP (4
SFP ports shared with
10/100/1000BASE-T ports)

EX16518

48 x 10/100/1000BASE-T, 4
1000BASE-X unpopulated SFP

EX16525

Rack Mounting Kit for Summit
X430-8p Switch

- > The Summit X430 Series extends the intelligence, insight and control of Extreme Networks XOS to the unified edge in a compact, cost effective series of stackable switches.
- > 10, 28 or 52 Gigabit Ethernet ports
- > PoE supported on 8 and 24 port models
- > Line rate performance on all ports
- > BASE-T connectivity to the desktop
- > Dedicated BASE-X SFP ports
- > ExtremeXOS Layer 2 edge feature set
- > Limited lifetime warranty

The Extreme Networks Software Defined Architecture (SDA)

The Extreme Networks SDN Platform is part of the Extreme Networks Software Defined Architecture which includes networking infrastructure (wireless/campus LAN, data center & high-performance computing) and value-add Extreme software solutions (NetSight, Purview, NAC). These products can be deployed as stand-alone or integrated products.

Software-Defined Architecture

Orchestrated Solutions

NetSight

Purview

SDN
Platform

ExtremeXOS™

Wireless
LANCampus
LANData Center
HPC
Service Provider

Better Networks and Better Surveillance



Summit X430 Series Open Fabric Edge Switches

Extreme Networks X430 Series delivers best-of-breed physical security solution with high performance switching for a faster and cleaner installation, powerful monitoring and automatic provisioning capabilities, fewer truck rolls & access to a broad pool of Ethernet-trained technicians

Benefits

- Higher network uptime
- Reduce installation cost and time
- Improve security and deployment flexibility
- Enhances performance
- Lower TCO



Contact your local Mayflex service representative at +0-800-881-5198

Learn More: <http://www.extremenetworks.com/product/summit-x430-series/>

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Ethernet Switches

Part Number	Description	Features
 <p>FEP-0812</p>	<p>LevelOne 4 FE PoE Plus + 4 FE Switch</p>	<ul style="list-style-type: none"> > IEEE 802.3at PoE plus compliant to simplify deployment and installation > Auto-detection and protection of non-standard PoE devices > IEEE 802.3x flow control protects against lost packets for reliable data transmission > 11-inch metal housing with 19-inch rackmount kit included > Total PoE power budget: 61.6W, up to 30W per port > Internal power supply > 4-port 10/100TX with embedded PoE injector
 <p>FEP-0811</p>	<p>LevelOne 8 FE PoE Plus Switch</p>	<ul style="list-style-type: none"> > IEEE 802.3at PoE Plus compliant to simplify deployment and installation > Auto-detection and protection of non-standard PoE devices > 11-inch metal housing with 19-inch rackmount kit included > IEEE 802.3x flow control protects against lost packets for reliable data transmission > Total PoE power budget: 123.2W, up to 30W per port > Internal power supply > 8-port 10/100TX with embedded PoE injector
 <p>GEP-1020</p>	<p>LevelOne 8 FE PoE+ 2GE SFP (Fibre) Switch</p>	<ul style="list-style-type: none"> > IEEE 802.3af/at PoE compliant to simplify deployment and installation > 9K jumbo frames to increase data transfer rates > Supports 8K MAC address auto-learning and auto-aging > 19-inch rackmount kit included > IEEE 802.3x flow control protects against lost packets for reliable data transmission > Total PoE power budget: 150W, up to 30W per port > 8-port 10/100TX with embedded PoE injector
 <p>IFE-0501</p>	<p>LevelOne 4 FE PoE + 1 FE Multi-Mode SC Industrial Switch (2km)</p>	<ul style="list-style-type: none"> > Industrial PoE switch for harsh network applications > 4-port 10/100TX with embedded PoE injector > 1-port multi-mode SC fibre connector for connecting to LAN via fibre optic cable > Over-current protection > Features Auto-sensing for detecting PoE or non-PoE devices > Rigid metal casing for covered outdoor application > Complies with IEC61000-6-2/4 EMC generic standard immunity for Industrial environment > Environmental testing: IEC60068-2-32 (Tumble); IEC60068-2-27 (Shock) & IEC60068-2-6 (Vibration) > DIN-Rail, wall-mounting and stand-alone installation (Order POW-4801: 48V DC power adapter if using mains supply)
 <p>GEP-0520</p>	<p>LevelOne 4 GE Port + 1 GE Switch</p>	<ul style="list-style-type: none"> > IEEE 802.3af PoE compliant to simplify deployment and installation > Minimise carbon footprint with advanced energy efficient technology (IEEE 802.3az) > 9K jumbo frames to increase data transfer rates > Auto-detection and protection of non-standard PoE devices > IEEE 802.3x flow control protects against lost packets for reliable data transmission > Total PoE power budget: 61.6W, up to 15.4W per port

Ethernet Switches



Part Number	Description	Features
 GEP-0821	LevelOne 8 GE PoE Plus Switch	<ul style="list-style-type: none"> > IEEE 802.3at PoE plus compliant to simplify deployment and installation > Minimise carbon footprint with advanced energy efficient technology (IEEE 802.3az) > 9K jumbo frames to increase data transfer rates > Auto-detection and protection of non-standard PoE devices > IEEE 802.3x flow control protects against lost packets for reliable data transmission > 19-inch rackmount kit included > Total PoE power budget: 123.2W, up to 30W per port > Internal power supply
 GEP-2450	LevelOne 24 GE PoE with 4 Dual Speed Combo SFP Web Smart Switch	<ul style="list-style-type: none"> > IEEE 802.3af PoE compliant to simplify deployment and installation > IEEE 802.1x Access Control to improve network security > IEEE 802.1Q VLAN allows network segmentation to enhance performance and security > IEEE 802.1D/w Multiple Spanning Tree Protocol (MSTP) and port mirroring > IEEE 802.3ad LACP for auto port aggregates of up to 12 groups, 12 ports per group > Supports Unknown Unicast / Broadcast / Multicast Storm Control > Supports IGMP to optimise video transmission > Minimise carbon footprint with advanced energy efficient technology (IEEE 802.3az) > Total PoE power budget: 200W, up to 15.4W per port
 FGP-2412	LevelOne 24 FE PoE Plus + 2 GE with 2 Combo SFP Switch	<ul style="list-style-type: none"> > 24 Fast Ethernet PoE Plus ports + 2 Gigabit combo (RJ-45/SFP) ports > IEEE 802.3af/at PoE compliant to simplify deployment and installation > IEEE 802.3x flow control protects against lost packets for reliable data transmission > Supports 4K MAC address auto-learning and auto-aging > Auto-detection and protection of non-standard PoE devices > 19-inch metal housing > Total PoE power budget: 480W, up to 30W per port > Internal power supply
 GEP-5070	LevelOne L2 Managed Switch - 48 GE PoE with 2 GE SFP	<ul style="list-style-type: none"> > 48 PoE-Plus Gigabit Ethernet ports and 2 Gigabit SFP slots > IEEE 802.3af/at PoE compliant to simplify deployment and installation > IEEE 802.1d/w/s Spanning Tree Protocol (STP) and port mirroring > IEEE 802.3ad LACP for auto port aggregation > Supports Access Control List (ACL) authentication of up to 512 entries and port-level security with IEEE801.1X > IP Multicast Filtering through IGMP Snooping V1 / V2 / V3 > Supports port-based VLAN, IEEE 802.1Q VLAN Tagging > 10K jumbo frames to increase data transfer rates > Supports IPv4/IPv6 network operation > IEEE 802.1p QoS with 8 priority queues > Total PoE power budget: 375W, up to 30W per port
 GVT-0300	LevelOne 1.25G Multi-mode SFP Transceiver (up to 550m)	<ul style="list-style-type: none"> > Small Form Factor Pluggable MSA compliant > For Multimode applications > Connect switches up to 550m away with each other > Up to 850nm and 1.25Gb/s > IEEE802.3z Gigabit Ethernet compliant > Easy to install and Hot-pluggable > 3.3V single power supply > Duplex LC connector > TTL signal detect indicator > EEPROM with serial ID functionality

No matter which direction you choose...



WAP-6103



WAP-6150



FVT-0203TXFC

Wireless

Managed Wireless

High Speed Wireless

Long Haul
Transmission

High Density PoE
Deployment

Gigabit PoE Switching



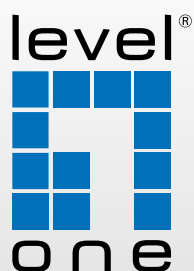
WAP-6101



GEP-5070

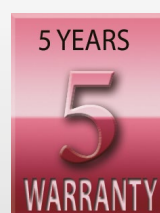


GEP-2450






uk.level1.com

LevelOne can
show you the way.



Ethernet Switches

Part Number	Description	Features
 GVT-0301	LevelOne 1.25G Multi-mode SFP Transceiver (up to 10km)	<ul style="list-style-type: none"> > Small form factor pluggable MSA compliant > For Singlemode applications > Connect switches up to 10Km away with each other > Up to 1310nm and 1.25Gb/s > IEEE802.3z Gigabit Ethernet compliant > Easy to install and hot-pluggable > 3.3V single power supply > Duplex LC connector > TTL signal detect indicator > EEPROM with serial ID functionality
 VCS-4P1	Veracity 802.3at PoE Powered PoE Network Switch	<ul style="list-style-type: none"> > PoE-powered network switch > 802.3af PoE / 802.3at PoE Plus compliant outputs > 57V PoE for maximum efficiency and range > PoE input allows remote network expansion > 4+1 port and 8+2 port models > Rugged enclosure with adjustable mounting brackets
VCS-8P2	CAMSWITCH 8 PLUS™	
 VCS-4P1-MOB	Veracity 12/24V DC Powered 802.3at PoE Network Switch	<ul style="list-style-type: none"> > 802.3af PoE / 802.3at PoE Plus compatible outputs > Converts a wide input voltage range to PoE levels > Up to 80 watt power budget > Auto-configuring 10/100 Ethernet switch > 4+1 and 8+2 channel models > Rugged enclosure with adjustable mounting brackets
VCS-8P2-MOB	CAMSWITCH 8 MOBILE™	

Education & Training



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All together.



MAYFLEX

PoE Accessories

Part Number	Description	Features
 POI-2002	LevelOne 802.3af 10/100 PoE Injector	<ul style="list-style-type: none"> > 10/100Mbps Ethernet port > Delivering power and data to equipment via a single Ethernet cable > IEEE 802.3af PoE compliant to simplify deployment and installation > Up to 15.4W output power > Surge, over current protection > Remote power feeding up to 100 meters > PnP, light weight and compact size > Unique interlocking feature for easy installation > RoHS Compliant
 POI-2001	LevelOne 802.3af 10/100/1000 PoE Injector	<ul style="list-style-type: none"> > 10/100/1000Mbps Ethernet port > Delivering power and data to equipment via a single Ethernet cable > IEEE 802.3af PoE compliant to simplify deployment and installation > Up to 15.4W output power > Safe on low power devices, only power needed is received > Automatic detection and protection of non-standard Ethernet terminals > Remote power feeding up to 100 meters > PnP, light weight and compact size > Unique interlocking feature for easy installation > RoHS Compliant
 POI-3000	LevelOne 802.3af/at Gigabit High Power PoE Injector	<ul style="list-style-type: none"> > 10/100/1000Mbps Ethernet port > Delivering power and data to equipment via a single Ethernet cable > IEEE 802.3af/at PoE compliant to simplify deployment and installation > Compatible with IEEE 802.3af or Legacy PoE applications > Up to 30W output power > Safe on low power devices, only power needed is received > Automatic detection and protection of non-standard Ethernet terminals > Remote power feeding up to 100 meters > PnP, light weight and compact size > Unique interlocking feature for easy installation > RoHS Compliant
 POR-0102	LevelOne Indoor 2-Port PoE Repeater	<ul style="list-style-type: none"> > Extends Cat5e cable installations to beyond 100 meters > IEEE 802.3af PoE compliant to simplify deployment and installation > 2-Port Ethernet Power Sourcing Equipment (PSE) > Forwards Power over Ethernet (PoE) to remote device > Fully transparent-no restrictions to network traffic > No power required > Simple to install-works instantly
 POR-1100	LevelOne Outdoor 1-Port PoE Repeater	<ul style="list-style-type: none"> > Extends Cat5e cable installations to beyond 100 meters > Forwards power over Ethernet (PoE) to remote device > No power required > Fully transparent-no restrictions to network traffic > Supports all network devices > Compatible with universal IEEE 802.3af PoE Standard > IP-65 weatherproof design

Part Number

Description

Features


FVT-0203TXFC

LevelOne

10/100BASE-TX to 100BASE-FX
Multi-Mode SC Fibre Converter
with PoE Injector

- > 10/100BASE-TX UTP to 100BASE-FX copper to fibre media converter
- > Multi-mode fibre transmission up to 2 km
- > High-quality SC connector
- > IEEE 802.3af PoE compliant to simplify deployment and installation
- > Link-loss-forwarding
- > Provides Link Fault Pass and Far End Fault
- > DIP switch for customised configuration
- > Internal power supply


FVT-2001

LevelOne

10/100BASE-TX to 100BASE-FX
Multi-Mode Fibre Converter (SC)

- > 10/100BASE-TX UTP to 100BASE-FX copper to multi-mode fibre converter
- > Multi-mode fibre transmission up to 2 km
- > High-quality SC connector port
- > Auto-negotiation
- > Half/Full Duplex mode
- > TX port supports auto MDI/MDI-X Crossover
- > Built-in Smart Link Error Detection Technology
- > Can be used as a standalone converter or slotted into a converter chassis (FVT-2000)
- > Hot-swappable


GVT-2000

LevelOne

10/100/1000BASE-TX to
1000BASE-FX Multi-Mode Fibre
Converter (SFP)

- > 10/100/1000BASE-TX UTP to 1000BASE-FX copper to fibre (SFP) converter
- > Auto-negotiation
- > Multi-mode fibre transmission up to 2 km
- > Half/full Duplex mode
- > Can be used as a standalone converter or slotted into a converter chassis (CVH-2000)


CVH-2000

LevelOne

10-Slot Media Converter Chassis
with Redundant Power Supply

- > Provides 14 slots and redundant AC power
- > Converters are individually secured and hot-swappable for maximum connection reliability
- > Supports Ethernet, Fast Ethernet, Gigabit Ethernet, Single-mode fibre and Multi-mode fibre media converters - FVT-2001 / FVT-2301 / FVT-2002 / GVT-2000 / GVT-2001
- > Standard 19 Rack-mountable dimensions allow space-saving convenient installation
- > Dual hot-swappable power supplies ensure continuous network operation (supplied with 1 as standard)

PoE Accessories

Part Number	Description	Features
 VAD-PS	Veracity POINTSOURCE™ Portable PoE Injector Battery Pack	<ul style="list-style-type: none"> > Allows local viewing of IP camera images on laptop/netbook at camera > Portable PoE source for field use > Includes a 12V power output for auxiliary equipment > Battery capacity sufficient for typical full day's installation work > POINTSOURCE supports all classes of 802.3af PoE device > Installs in seconds – removes in seconds - reduces time on site
 VAD-PS	Veracity PINPOINT™ Camera Installation Tool	<ul style="list-style-type: none"> > Essential tool for IP camera installers > Local viewing of IP cameras on laptop/netbook > Allows quick and easy adjustment of focus and viewing angle > Uses PoE from network, allows pass-through to camera > Low cost reusable device > Installs in seconds, removes in seconds
 VOR-OS	Veracity PoE Injector	<ul style="list-style-type: none"> > Enhanced PoE output voltage for maximum power and reach > Ideal for use with OUTREACH Max and CAMSWITCH PLUS > IEEE 802.3af (PoE) and 802.3at (PoE Plus) compliant > Wall mountable > Gigabit compatible
VOR-OSP	OUTSOURCE™	<div>Whitepapers</div> <div>  Power </div> <div>  PoE </div> <div>  Power Promise </div>
 VOR-OB12	Veracity OUTBREAK™ 12V PoE Splitter	
VOR-OB5	5V PoE Splitter	<ul style="list-style-type: none"> > Simple PoE splitter delivering clean power to non-PoE devices > Fully IEEE 802.3af compliant and gigabit compatible > Steps down PoE voltage (48V) to 5V or 12V DC > Compact unit with integral wall mounting lugs > Ideal for non-PoE wireless access points, IP phones, IP cameras

Physical Transmission

Part Number

Description

Features



BY-HPE11KTCE

Panasonic

Coax to LAN conversion kit, can be used up to 500m for PoE connections and 2000m for non PoE

- > PoE Ready
- > Use over long distances
- > High speed transmission up to 2000m
- > No set up required



VHW-HW

Veracity

HIGHWIRE™
Ethernet Over Coax

- > HIGHWIRE uses legacy coaxial cabling - cuts installation costs
- > HIGHWIRE supports HD and Mega-Pixel cameras
- > Fully transparent, full bandwidth, 100Base-T Ethernet
- > Simple to install - no IP address or other setup
- > Up to 300 metres on RG59, or 500 metres on RG11
- > 10 - 40V DC or 24V AC power input



VHW-HWQ

Veracity

HIGHWIRE QUAD™
4 Port Ethernet Over Coax

- > HIGHWIRE Quad replaces 1 analogue camera with up to 4 IP cameras - no re-cabling
- > Supports up to 4 HD or mega-pixel cameras over one coax link
- > Combines standard HIGHWIRE with four-port PoE network switch
- > Uses standard HIGHWIRE at base end



VHW-RMPSU

Veracity

HIGHWIRE™ 1U Rack Power Supply

- > Use RMPSU power supply for up to 8 HIGHWIRE units (not HWPS)



VHW-HWPS-B

Veracity

HIGHWIRE POWERSTAR™
Ethernet and PoE Over Coax


- > Upgrade from analogue to IP cameras without re-cabling
- > Same as HIGHWIRE with the addition of PoE over coax
- > PoE switch powers HW Base unit, HW Camera unit and IP Camera
- > Optional lower-cost 57V DC PSU to inject PoE at base unit
- > Up to 25W PoE delivery at IP camera using 57V DC PSU
- > Base, Camera or Device Unit have SafeView™ LED Display

Base unit receives PoE in, from Switch or 57V PSU, delivers Coax PoE out.

VHW-HWPS-C

Camera unit receives Coax PoE in, delivers PoE Out to Camera/Device.

Physical Transmission

Part Number	Description	Features
 VHW-HW-1U	Veracity HIGHWIRE™ 1U Rack Mounting Bracket	<ul style="list-style-type: none"> > Holds 8 HIGHWIRE or 8 HIGHWIRE POWERSTAR units
 VHW-WMB	Veracity HIGHWIRE™ Wall-Mounting Bracket	<ul style="list-style-type: none"> > Simple Efficient Wall mounting bracket for 1 HIGHWIRE™ > Mount HIGHWIRE™ instantly on walls or flat surfaces or inside enclosures
 VHW-DMB	Veracity HIGHWIRE™ DIN Rail-Mounting Bracket	<ul style="list-style-type: none"> > Easy and fast to fit, DIN Rail-Mounting Bracket for 1 HIGHWIRE™ > Fits standard DIN Rails
 VOR-ORM	Veracity OUTREACH MAX™ LAN and PoE Extender	<ul style="list-style-type: none"> > OUTREACH MAX Instantly doubles range to 200m > Extends Cat5/6 Ethernet and PoE by 100 metres > Daisy-chain units to reach up to 1000 metres (9 units) > PoE and PoE Plus (IEEE 802.3af and 802.3at) > Handles up to 60W high-power PoE
 VOR-ORL	Veracity OUTREACH LITE™ LAN Extender	<ul style="list-style-type: none"> > Use OUTREACH LITE to Extend network to non-PoE devices > Powered by PoE and extends Cat5/6 Ethernet by 100 metres > Extends network to non-PoE devices
 VOR-ORM-XT	Veracity OUTREACH MAX XT™ External LAN and PoE Extender	<ul style="list-style-type: none"> > OUTREACH MAX XT is an external version of OUTREACH Max > Rated -40 deg C to +60 deg C for external use > Tough IP66 case & seals allows use of standard RJ45 connectors



The importance of Accurate Time for Video and Surveillance and Access Control

Physical Transmission

Part Number

Description

Features



VOR-ORL-XT

Veracity
OUTREACH LITE XT™
External LAN Extender

- > OUTREACH LITE XT is an external version of OUTREACH Lite
- > Powered by PoE and extends Cat5e/Cat6 Ethernet by 100 metres
- > Extends network to non-PoE devices



VLS-1P-B

Veracity
LONGSPAN™
Long Range Ethernet Extension

- > Deliver power and bandwidth to IP cameras over exceptional distances
- > Point-to-point long range Ethernet over regular Cat5e/Cat6 cable
- > Unrestricted 100Base-T with PoE at over 800 metres
- > Full PoE Plus power available at 600 metres using 57V PSU
- > Rugged, high performance enclosure for extreme temperature range
- > SafeView™ LED Display - smart power - diagnostic display for reliable installation

Base unit receives PoE in, from switch or 57V PSU, Extended PoE out.

Camera unit - extended PoE in, delivers PoE out To camera or device.



VLS-1N-L

Veracity
LONGSPAN LITE™

- > LONGSPAN LITE™ Long Range Ethernet Extension. No PoE acts as a transmitter and receiver



VLS-1U

Veracity
LONGSPAN™ 1U Rack

- > 1U 19" Rack Mounting Panel for up to 24 LONGSPAN™ units



VTN-TN

Veracity
TIMENET™
PoE Powered NTP Time Server

- > Master NTP time server with GPS clock reference
- > Universal standard - Network Time Protocol (NTP) compatible
- > Designed to synchronise computers, servers & embedded systems
- > Ideal for digital recording and access control applications
- > Essential for closed or secure networks - no internet required
- > Universal window-mounted or externally-mounted antenna (included)
- > Powered by PoE or optional 12V DC input

Wireless Transmission

Part Number	Description	Features
 FM1200V-HW	Fluidmesh VOLO is designed for back-hauling mission critical video voice and data. It is intuitive, easy to deploy and can be used to create point-to-point, point-to-multipoint, mesh and mobility networks	<ul style="list-style-type: none"> > 4.9, 5.1-5.8GHz frequency range > 2x2 MIMO technology for up to 100Mbps usable throughput > Modes - Point-to-Point, Point-to-Multipoint, Linear Mesh & Mesh > Optimised for CCTV video streaming and telemetry over IP > FMQuadro web interface for diagnostics and troubleshooting > Integrated SNMP v3 support and AES128 encryption 'on-a-chip' > Prodigy 1 and 2 intelligent transmission protocol for increased reliability > Incremental data throughput via license 'plug-ins' for low cost initial installation > The unit can operate in either CSMA or TDMA mode
 FM3200BASE-HW	Fluidmesh Single radio unit with integrated 120 degree sector. An IP67 rated, die-cast aluminium casing allows the unit to be installed in the most challenging of environments	<ul style="list-style-type: none"> > 4.9, 5.1-5.8GHz frequency range > Modes - Point-to-Point, Point-to-Multipoint, Linear Mesh, Mesh & Mobility > Optimised for CCTV video streaming and telemetry over IP > FMQuadro web interface for diagnostics and troubleshooting > Integrated SNMP v3 support and AES128 encryption 'on-a-chip' > Prodigy 1 and 2 intelligent transmission protocol for increased reliability > Incremental data throughput via license 'plug-ins' for low cost initial installation > 802.3af PoE Gigabit network port > The unit can operate in either CSMA or TDMA mode
 FM3200ENDO-HW	Fluidmesh Single radio unit with ability for connecting a variety of external antenna for multiple applications (PtP, PtMP, Mesh & Mobility). An IP67 rated, die-cast aluminium casing allows the unit to be installed in the most challenging of environments	<ul style="list-style-type: none"> > 4.9, 5.1-5.8GHz frequency range > 2x2 MIMO technology for up to 200Mbps usable throughput > Modes - Point-to-Point, Point-to-Multipoint, Linear Mesh, Mesh & Mobility > Optimised for CCTV video streaming and telemetry over IP > FMQuadro web interface for diagnostics and troubleshooting > Integrated SNMP v3 support and AES128 encryption 'on-a-chip' > Prodigy 1 and 2 intelligent transmission protocol for increased reliability > Incremental data throughput via license 'plug-ins' for low cost initial installation > 802.3af PoE Gigabit network port > The unit can operate in either CSMA or TDMA mode
 FM3200DISH-HW	Fluidmesh Single radio unit with dish antenna for long distance point-to-point links with sustained high throughput. An IP67 rated, die-cast aluminium casing allows the unit to be installed in the most challenging of environments	<ul style="list-style-type: none"> > 4.9, 5.1-5.8GHz frequency range > 2x2 MIMO technology for up to 200Mbps usable throughput > Modes - Point-to-Point (long distance links) > Optimised for CCTV video streaming and telemetry over IP > FMQuadro web interface for diagnostics and troubleshooting > Integrated SNMP v3 support and AES128 encryption 'on-a-chip' > Prodigy 1 and 2 intelligent transmission protocol for increased reliability > Incremental data throughput via license 'plug-ins' for low cost initial installation > 802.3af PoE Gigabit network port > The unit can operate in either CSMA or TDMA mode

Part Number

Description

Features



Fluidmesh

Single radio unit for mobility applications (rail etc.)
IP67 rated, die-cast aluminium casing with Regulatory Compliance for world-wide use with Wireless Approvals, Railway Certifications & Environmental Specifications

- > 2.35-2.7, 3.35-3.7, 4.9, 5.1-5.8GHz frequency range
- > 2x2 MIMO technology for up to 100Mbps usable throughput
- > Modes - Point-to-Point, Point-to-Multipoint, Linear Mesh, Mesh & Mobility
- > Optimised for CCTV video streaming and telemetry over IP
- > FMQuadro web interface for diagnostics and troubleshooting
- > Integrated SNMP v3 support and AES128 encryption 'on-a-chip'
- > Prodigy 1 and 2 intelligent transmission protocol for increased reliability
- > Incremental data throughput via license 'plug-ins' for low cost initial installation
- > MPLS implemented 'over the air' for seamless hand-off in mobility applications
- > 1x10/100/1000 M12 network port
- > The unit can operate in either CSMA or TDMA mode

FM4200MOBI-HW



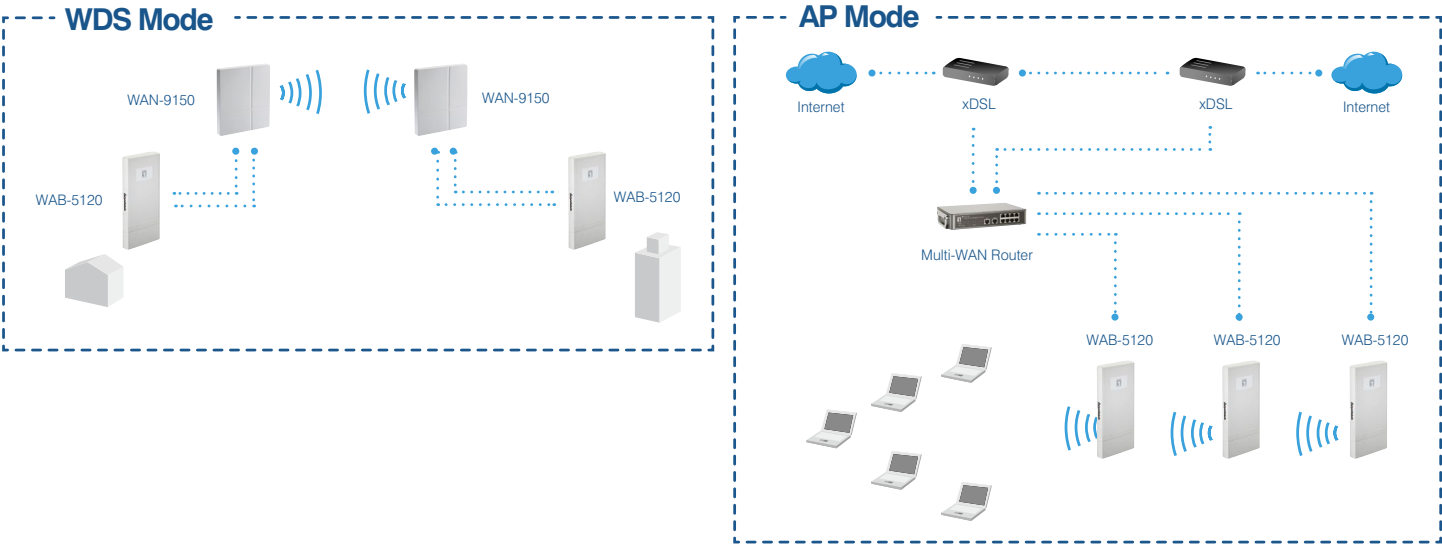
LevelOne

300Mbps 5G Wireless Outdoor
Passive PoE Access Point / Bridge

- > Compatible with IEEE 802.11a/n wireless standards on the 5GHz frequency
- > Built-in 16dBi directional dual-polarisation antenna
- > Provides 2 reverse SMA-Type connectors for optional high-gain antennas
- > Supports AP, Client, WDS and AP repeater modes
- > High reliable IP55 watertight housing endures harsh environments
- > Supports Passive Power over Ethernet of 15V
- > SNMP remote configuration management

WAB-5120

WAB-5120 Product Diagram



PowerfulSPACE



Less is More

Excel Category 6A cables offer reduced diameters compared to most of our competitors, these compact designs mean less containment, less weight, and faster, easier installation. All without effecting performance, each cable is 3rd party verified at component level, and supported by a 25 year warranty programme.

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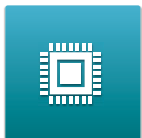


Encoders/Decoders

Part Number

Description

Features



Technology

Video Clips &
PlaylistsProduct
Roadmap

Product Selector



Product Matrix

Download
Center

Project Planner

Successful
Project
References**TCD-2100****ACTi**

1 channel mini video encoder

- > PoE (Power Over Ethernet)
- > H.264 and MJPEG
- > Digital input/output
- > ONVIF compliant
- > 3 year warranty

**V21****ACTi**

1 channel video encoder

- > PoE (Power Over Ethernet)
- > H.264 high profile and MJPEG
- > 2-way (line-in, line-out)
- > Digital input/output
- > Local storage (MicroSDHC/MicroSDXC)
- > ONVIF compliant
- > 3 year warranty

V221 channel video encoder,
vibration proof NEMA TS2**V23**

4 channel video encoder

V244 channel video encoder,
vibration proof NEMA TS2**ENC-4P-H264****Avigilon**

The Avigilon video encoder converts a standard analogue stream into digital feed, providing the most-effective transition path to IP video surveillance

- > 4 video channels
- > Max resolution 720 x 480 (NTSC) or 720 x 576 (PAL)
- > 30 IPS from each port
- > H264 and MJPEG compression
- > ONVIF compliant
- > 4 audio inputs/outputs
- > External I/O terminals
- > PoE, 24 VAC or 12 VDC power input
- > Connects automatically to Avigilon Control Center

Encoders/Decoders

Part Number

Description

Features



AXIS

- > Full frame rate
- > High quality video
- > Simultaneous H.264 and motion JPEG streams
- > Edge storage
- > High resolution quad-view
- > Power over Ethernet

AXIS M7001

The smallest video encoder with H.264

AXIS M7014

Cost-effective 4-channel video encoder with H.264



AXIS

- > Multiple H.264 streams per channel
- > Full frame rate in all resolutions
- > Intelligent video capabilities
- > Audio detection
- > I/O support
- > Two-way audio

AXIS Q7401

Full-featured video surveillance with outstanding H.264 performance

AXIS Q7404

High-performance, full-featured video encoder with H.264



Panasonic

- > Full frame H.264 transmission
- > Motion adaptive interlace/progressive conversion for clear images even with moving subjects
- > PoE - the power will be supplied by simply connecting a LAN cable
- > Multi-language GUI and setup menu

WV-GXE100

Single channel H.264 video encoder, PoE or 12V DC

WV-GXE500

Four channel H.264 video encoder, PoE or 12V DC, supports SDHC recording

Mayflex M-Tech Facility



The largest M-Tech facility is based at the company's Birmingham headquarters with a scaled down version installed at the City of London office.

The M-Tech facilities are available for customers to visit either with their sales contact at Mayflex or to bring their customers along to.

Mayflex technical representatives can be available if needed, to support and assist with any viewings.



The newly refurbished M-Tech facilities in both the Birmingham head quarters and London offices provide an excellent opportunity for customers to get an accurate representation of the products Mayflex distributes, installed in an actual working environment.



Products installed in the M-Tech facilities include:

- Excel Racks, Copper, Fibre and MTP
- IP Cameras from Avigilon, Axis, ACTi, Mobotix
- Razberi Server switches
- RF Code asset management
- Nubis containment solution
- Aruba Clearpass (guest access)
- APC cabinets
- Raytec illuminators
- Milestone software
- Paxton access control

If you would like to book a visit for either of the M-Tech facilities email sales@mayflex.com and a mutually convenient time can be arranged or visit www.mayflex.com for further information.



Network Video Recorders

Part Number	Description	Features
 ENR-110 ENR-110-2TB ENR-120 ENR-120-2TB ENR-130 ENR-130-4TB ENR-140 ENR-140-4TB	ACTi 4 channel 2 bay, desktop standalone NVR with recording throughput 16 Mbps 4 channel 2 bay bundled 2TB, desktop standalone NVR with recording throughput 16 Mbps. One 2TB storage disk included 9 channel 2 bay, desktop standalone NVR with recording throughput 36 Mbps 9 channel 2 bay bundled 2TB, desktop standalone NVR with recording throughput 36 Mbps. One 2TB storage disk included 16 channel 2 bay, desktop standalone NVR with recording throughput 48 Mbps 16 channel 2 bay bundled 4TB, desktop standalone NVR with recording throughput 48 Mbps. One 4TB storage disk included 16 channel 4 bay, desktop standalone NVR with recording throughput 48 Mbps 16 channel 4 bay bundled 4TB, desktop standalone NVR with recording throughput 48 Mbps. One 4TB storage disk included	<ul style="list-style-type: none"> > H.264 high profile and MJPEG compatible > Scheduled, event triggered, and manual recording > Time and event based search > Remote access through mobile client and web client > Export video with RAW and AVI formats > Plug and Play with built-in DHCP Server > HDMI local display > Event trigger, response, and notification > ONVIF compliant
 GNR-3000  INR-410  INR-420	ACTi 64 channel 5 bay tower standalone NVR. Supports 32 FREE channels for IP cameras or video encoders and can be upgraded to 64 channels 200 channel 8 bay rackmount standalone NVR with recording throughput 300 Mbps. Supports 64 FREE channels for IP cameras or video encoders and can be upgraded to 200 channels 200 channel 8 bay RAID, rackmount standalone NVR with recording throughput 300 Mbps. Supports 64 FREE channels for IP cameras or video encoders and can be upgraded to 200 channels	<ul style="list-style-type: none"> > H.264 high profile and MJPEG compatible > Scheduled, event triggered, and manual recording > Instant playback and e-Map > Time and event based search > Remote access through mobile client and web client > Export video with RAW and AVI formats > Event trigger, response, and notification > Supports external storage (eSATA, iSCSI, USB) > ONVIF compliant > 1 system disk included

Network Video Recorders

Part Number

Description

Features



ACTi

Works as a fail-safe mechanism for mission critical surveillance systems. Whenever it detects that an NVR server is unavailable, whether caused by network disconnection, hard drive failure, or system related issues, it reacts immediately to maximise system uptime, on a first come first served basis.

- > Auto-detection of system failure of NVRs
- > Auto-initialisation of data mirroring as soon as NVR becomes unavailable
- > Fully takes over NVRs' tasks direct recording of videos from cameras (devices), event management and real-time event notification, live monitoring and playback client applications
- > User authorisation and management through Microsoft Active Directory
- > Disk storage management for efficient storage usage
- > Automatic synchronisation of videos between redundancy server and NVRs

Redundancy Server (Failover System)



Avigilon

NVR workstations are ideally suited for smaller systems and come preloaded with ACC software for maximum performance and reliability

- > Preloaded and configured with Avigilon Control Center High Definition
- > Network Video Management Software
- > Records up to 10 MB/s of image data
- > Supports up to 64 camera channels
- > Supports up to 30 images per second per camera channel
- > Up to 3 TB effective recording capacity
- > Supports up to two high resolution monitors
- > Desktop form factor

1.0TB-HD-NVRWS

2.0TB-HD-NVRWS

3.0TB-HD-NVRWS



BCDVideo

HD video recording server, up to 24TB internal storage, 4 bay tower unit

- > Intel Xeon E3 Processor
- > Supports SAS drives
- > Lifetime phone support
- > 5 year next business day on-site warranty
- > Video optimised RAID controller
- > BCDVideo SMARTrecovery - Disaster Recovery Module
- > BCDVideo SMARTvms - Video Recovery Module
- > BCDVideo SMARTconnect - Remote Access Module
- > BCDVideo SMARTcontrol - System Monitoring

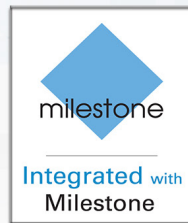
BCD310E8-M-SAS-VRP-C

Network Video Recorders

Part Number	Description	Features
 <p>BCD350V8-M-VRP-C</p>	<p>BCDVideo HD video recording server, up to 108TB internal storage, 18 bay tower unit</p>	<ul style="list-style-type: none"> > Intel Xeon E5 Processor > 32GB RAM > Lifetime phone support > 5 year next business day on-site warranty > Video optimised RAID controller > BCDVideo SMARTrecovery - Disaster Recovery Module > BCDVideo SMARTvms - Video Recovery Module > BCDVideo SMARTconnect - Remote Access Module > BCDVideo SMARTcontrol - System Monitoring
 <p>BCD320E8-M-SAS-MP-C</p>	<p>BCDVideo HD video recording server, up to 24TB internal storage, 4 bay 1U rack mount unit</p>	<ul style="list-style-type: none"> > Intel Xeon E3 Processor > Supports SAS drives > Lifetime phone support > 5 year next business day on-site warranty > Video optimised RAID controller > BCDVideo SMARTrecovery - Disaster Recovery Module > BCDVideo SMARTvms - Video Recovery Module > BCDVideo SMARTconnect - Remote Access Module > BCDVideo SMARTcontrol - System Monitoring
 <p>BCD360V8-M-MP-C</p>	<p>BCDVideo HD video management recording server, 8 bay 1U rack mount unit</p>	<ul style="list-style-type: none"> > Intel Xeon E5 Processor > 16GB RAM > Lifetime phone support > 5 year next business day on-site warranty > Video optimised RAID controller > BCDVideo SMARTrecovery - Disaster Recovery Module > BCDVideo SMARTvms - Video Recovery Module > BCDVideo SMARTconnect - Remote Access Module > BCDVideo SMARTcontrol - System Monitoring
 <p>BCD380V8-B-VRP-C</p>	<p>BCDVideo HD video recording server, up to 48TB internal storage, 8 bay 2U rack mount unit</p>	<ul style="list-style-type: none"> > Intel Xeon E5 Processor > Lifetime phone support > 5 year next business day on-site warranty > Video optimised RAID controller > BCDVideo SMARTrecovery - Disaster Recovery Module > BCDVideo SMARTvms - Video Recovery Module > BCDVideo SMARTconnect - Remote Access Module > BCDVideo SMARTcontrol - System Monitoring

See the BCDVideo Advantage in Your Next Milestone Project

Now available
through Mayflex



 IP Video Surveillance Certified Global OEM

BCDVideo Builds Exclusively on an HP Platform

BCDVideo products undergo HP's complete testing process, guaranteeing them to meet all factory specifications and stringent quality standards. The commitment of both BCDVideo and HP to uncompromising high-quality and performance ensures your customer will be supported through the life of their warranty from the world's leading server manufacturer.

For more information, visit us at:

www.bcdvideo.com

Easy Installation

All BCDVideo servers are video-optimized for Milestone with all RAID settings, can include pre-loaded Milestone XProtect® Software, and are fully tested prior to shipment. The integrator's installation only involves racking (if it's a rack-mount), incorporating IP addresses to the NIC cards, and inputting the VMS license keys.

Warranty

- Five-year BCDVideo telephone support
- Five-year worldwide on-site Next Business Day (NBD) warranty as standard
- Active Health features = ZERO end-customer downtime

Integrated with BCDVideo SMARTtechnologies

- SMARTrecovery - Disaster Recovery Module
- SMARTvms - Recovery module for the video project
 - Remotely restores Milestone settings and Milestone files

Company Accountability

The BCDVideo Performance Guarantee - *"When BCDVideo calculates the necessary storage for the Milestone project based upon the camera counts and other criteria presented to us, we will cover the hardware cost of any shortfall in regards to total storage needs or performance."*

BCDVIDEO™

Your IP Video Storage & Intelligent Building Network Specialists

Network Video Recorders

Part Number	Description	Features
 BCD380V8-M-VRP-C	BCDVideo HD video recording server, up to 84TB internal storage, 14 bay 2U rack mount unit	<ul style="list-style-type: none"> > Intel Xeon E5 Processor > Lifetime phone support > 5 year next business day on-site warranty > Video optimised RAID controller > BCDVideo SMARTrecovery - Disaster Recovery Module > BCDVideo SMARTvms - Video Recovery Module > BCDVideo SMARTconnect - Remote Access Module > BCDVideo SMARTcontrol - System Monitoring
 BCD350V8-M-VRP-RMC	BCDVideo HD video recording server, up to 108TB internal storage, 18 bay 5U rack mount unit	<ul style="list-style-type: none"> > Intel Xeon E5 Processor > 32GB RAM > Lifetime phone support > 5 year next business day on-site warranty > Video optimised RAID controller > BCDVideo SMARTrecovery - Disaster Recovery Module > BCDVideo SMARTvms - Video Recovery Module > BCDVideo SMARTconnect - Remote Access Module > BCDVideo SMARTcontrol - System Monitoring
 BCD-EVO10-1TB-8-XPES	BCDVideo HD NVR, ultra small form factor, 1TB storage, 8 camera licenses	<ul style="list-style-type: none"> > Intel Core I3 Processor > Pre-loaded & licensed with Milestone XProtect Essential > Equipped with a global three year on-site hardware warranty > Ideal for live view recording and playback for up to 16 IP network cameras > BCDVideo SMARTconnect - Remote Access Module > BCDVideo SMARTvms - System Configuration module
 BCD-EVO30-2TB-10-XPES	BCDVideo HD NVR, small form factor, 2TB storage, 10 camera licenses	<ul style="list-style-type: none"> > Intel Xeon Processor > Pre-loaded & licensed with Milestone XProtect Essential > Equipped with a global three year on-site hardware warranty > Ideal for live view recording and playback for up to 32 IP network cameras > BCDVideo SMARTconnect - Remote Access Module > BCDVideo SMARTvms - System Configuration module

Network Video Recorders

Part Number

Description

Features



BCD-EVO30-4TB-20-XPES

BCDVideo

HD NVR, small form factor, 4TB storage, 10 camera licenses

- > Intel Xeon Processor
- > Pre-loaded & licensed with Milestone XProtect Essential
- > Equipped with a global three year on-site hardware warranty
- > Ideal for live view recording and playback for up to 32 IP network cameras
- > BCDVideo SMARTconnect - Remote Access Module
- > BCDVideo SMARTvms - System Configuration module



BCD-EVO50-12TB-20-XPEX

BCDVideo

HD NVR, 2U rack mount, 12TB storage, 20 camera licenses

- > Intel Xeon Processor
- > Redundant power
- > RAID protection
- > Pre-loaded & licensed with Milestone XProtect Essential
- > Equipped with a global three year on-site hardware warranty
- > Ideal for live view recording and playback for up to 48 IP network cameras
- > BCDVideo SMARTrecovery - Disaster Recovery Module
- > BCDVideo SMARTconnect - Remote Access Module
- > BCDVideo SMARTvms - System Configuration module



BCD-EVO50-24TB-40-XPEX

BCDVideo

HD NVR, 2U rack mount, 24TB storage, 40 camera licenses

- > Intel Xeon Processor
- > Redundant power
- > RAID protection
- > Pre-loaded & licensed with Milestone XProtect Essential
- > Equipped with a global three year on-site hardware warranty
- > Ideal for live view recording and playback for up to 48 IP network cameras
- > BCDVideo SMARTrecovery - Disaster Recovery Module
- > BCDVideo SMARTconnect - Remote Access Module
- > BCDVideo SMARTvms - System Configuration module



BCDVIDEO™

Security and Technology Enhancement

Network Video Recorders

Part Number

Description

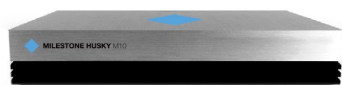
Features

Milestone Husky NVR Series

Milestone Systems offers the Milestone Husky™ Series for customisable video surveillance solutions, pre-installed with Milestone video management software combined with high-performance hardware, available in three models.

Use one as a simple stand alone or connect multiple models for a truly customisable and scalable solution.

User-friendly, plug-and-play solution, more than 50 preconfigured options, three year software upgrade plan.

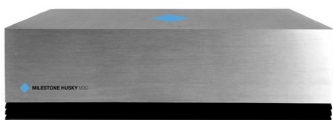


XPESBL

Milestone Husky M10

Small, sleek and configured for efficient performance and reliability

- > Ideal for entry-level video surveillance
- > Supports up to 8 camera channels
- > Easy to set up and operate



XPEXBL

Milestone Husky M30

Designed for workstation installations with comprehensive surveillance needs. Customise to fit your budget and scale up as your business grows

- > Designed for workstation installations
- > Supports up to 20 camera channels
- > Supports third-party integration



XPPBL

Milestone Husky M50

The premier, rack mounted solution with greater channels and storage. The Milestone Husky M50 is feature rich and customisable with unlimited options, making it perfect for advanced installations with sophisticated surveillance needs

- > High-performance rack mounted solution
- > Supports up to 80 camera channels
- > Supports third-party integration

Part Number

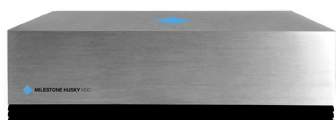
Description

Features

Milestone Husky Hybrid NVR Series

Integrated Encoder Solution

The Milestone Husky Series of NVRs now makes the analogue to IP evolution easier and more affordable than ever. Both the Milestone Husky M30 and the Milestone Husky M50 are available with a stretch card that enables attachment of analogue cameras and IP devices. The Milestone Husky NVRs are aligned with Milestone's encoder strategy, where one hardware device license is needed for each analogue to IP encoder, regardless of the number of analogue cameras connected to the encoder.



Milestone
Husky M30 Hybrid

- > 16 analogue channels + 4 IP devices
- > XProtect® 2014 embedded software
- > 4TB storage / 8GB RAM / i5 processor
- > Use existing analogue and invest in new IP ones when you are ready
- > Includes standard model features for Milestone Husky M30

HM305241N1C0004


Milestone
Husky M50 Hybrid

- > 32 analogue channels + 16 IP devices
- > XProtect® 2014 embedded software
- > 16 TB storage / 16 GB RAM / i7 processor
- > Use existing analogue and invest in new IP ones when you are ready
- > Includes standard model features for Milestone Husky M50

HM507382N1B0016

Network Video Recorders

Part Number	Description	Features
	Panasonic	
	9 channel, 3TB IP network video recorder up to 30 ips per channel 9 alarm inputs, HDMI output	
	WJ-NV200CH9/3TB	
	9 channel, 6TB IP network video recorder up to 30 ips per channel 9 alarm inputs, HDMI output	
	WJ-NV200CH9/6TB	
	16 channel, 3TB IP network video recorder up to 30 ips per channel 9 alarm inputs, HDMI output	<ul style="list-style-type: none"> > 4 / 9 / 16 / 24 Channel HD recording > H.264, MPEG-4 and JPEG multi format > Simple set up 4 step auto camera detection > Mouse operation with easy GUI, no PC required
	WJ-NV200CH16/3TB	
	16 channel, 6TB IP network video recorder up to 30 ips per channel 9 alarm inputs, HDMI output	
	WJ-NV200CH16/6TB	
	24 channel, 3TB IP network video recorder up to 30 ips per channel 9 alarm inputs, HDMI output	
	WJ-NV200CH24/3TB	
	24 channel, 3TB IP network video recorder up to 30 ips per channel 9 alarm inputs, HDMI output	
	WJ-NV200CH24/6TB	

Contact sales for more information on Freephone
0800 881 5199 or email securitysales@mayflex.com



Network Video Recorders



Part Number	Description	Features
 WJ-ND400/6TB	Panasonic	
	64 channel, 6TB IP network video recorder up to 30 ips per channel 32 alarm inputs, VMD search, capacity for 5 x HDE400 expansion bays RAID 5/6	
	WJ-ND400/12TB	<ul style="list-style-type: none"> > MPEG-4 and JPEG multi format > Up to 64 network cameras > Cameras can be assigned to one of the 8 groups for easier browsing. > 2x, 4x digital zoom (live/playback) > Up to 16 clients can monitor images and control WJ-ND400 simultaneously
	WJ-ND400/18TB	
	WJ-ND400/27TB	
 WJ-HDE400/6TB	Panasonic	
	6TB expansion bay for WJ-ND400, WJ-NV300	
	WJ-HDE400/12TB	
	12TB expansion bay for WJ-ND400, WJ-NV300	
	WJ-HDE400/18TB	
	WJ-HDE400/27TB	
	18TB expansion bay for WJ-ND400, WJ-NV300	
	27TB expansion bay for WJ-ND400, WJ-NV300	

Network Video Recorders

Part Number	Description	Features
 <p>VS-2104 PRO+-UK</p> <p>VS-2108 PRO+-UK</p> <p>VS-2112 PRO+-UK</p>	<p>QNAP VioStor networking video recorder. Linux-embedded system with RAID data protection Mobile application: VMobile and VCam App Planning tool: Qcacluator</p>	<ul style="list-style-type: none"> > A 2 bay network surveillance system for security applications for small and medium sized businesses as well as small and home offices. > HD Local display with hardware decode: Full HD 1080P 200FPS through HDMI > Storage expansion - VioStor NVR + QNAP Turbo NAS > Versatile recording options - Smart Recording, Edge Recording > Easy installation: Qstart > Fisheye enhanced support: Qdewarp > Maximum number of cameras: 4, 8, 12 > Processor: Dual-core Intel® 2.6GHz CPU > Maximum number of HDDs: 2, 8TB > Maximum network throughput: 180 Mbps
 <p>VS-4108 PRO+-UK</p> <p>VS-4112 PRO+-UK</p> <p>VS-4116 PRO+-UK</p>	<p>QNAP VioStor networking video recorder. Linux-embedded system with RAID data protection Mobile application: VMobile and VCam App Planning tool: Qcacluator</p>	<ul style="list-style-type: none"> > A professional 4 bay network video surveillance system designed to meet the demand of small to medium-size business and enterprises > HD Local display with hardware decode: Full HD 1080P 200FPS through HDMI > Storage expansion - VioStor NVR + QNAP Turbo NAS > Versatile recording options - Smart Recording, Edge Recording > Easy installation: Qstart > Fisheye enhanced support: Qdewarp > Maximum number of cameras: 8, 12, 16 > Processor: Dual-core Intel® 2.6GHz CPU > Maximum number of HDDs: 4, 16TB > Maximum network throughput: 250 Mbps
 <p>VS-6112 PRO+-UK</p> <p>VS-6116 PRO+-UK</p> <p>VS-6120 PRO+-UK</p>	<p>QNAP VioStor networking video recorder. Linux-embedded system with RAID Data protection Mobile application: VMobile and VCam App Planning tool: Qcacluator</p>	<ul style="list-style-type: none"> > A professional 6 bay network video surveillance system designed to meet the demand of small to medium-size business and enterprises. > HD Local display with hardware decode: Full HD 1080P 200FPS through HDMI > Storage expansion - VioStor NVR + QNAP Turbo NAS > Versatile recording options - Smart Recording, Edge Recording > Easy installation: Qstart > Fisheye enhanced support: Qdewarp > Maximum number of cameras: 12, 16, 20 > Processor: Dual-core Intel® 2.6GHz CPU > Maximum number of HDDs: 6, 24TB > Maximum network throughput: 330 Mbps

Network Video Recorders



Part Number	Description	Features
 <p>VS-8124 PRO+-UK</p> <p>VS-8132 PRO+-UK</p> <p>VS-8140 PRO+-UK</p> <p>VS-8148 PRO+-UK</p>	<p>QNAP VioStor networking video recorder. Linux-embedded system with RAID data protection Mobile application: VMobile and VCam App Planning tool: Qcacluator</p>	<ul style="list-style-type: none"> > A new generation of class leading 8 bay high-performance network video surveillance systems with a new processor and HDMI output. > HD Local display with hardware decode: Full HD 1080P 270FPS through HDMI/VGA > Storage expansion - VioStor NVR + QNAP Turbo NAS > Versatile recording options - Smart Recording, Edge Recording > Fisheye enhanced support: Qdewarp > Maximum number of cameras: 24, 32, 40, 48 > Processor: Dual-core Intel® 3.3 GHz CPU > Maximum number of HDDs: 8, 32TB > Maximum network throughput: 400 Mbps
 <p>VS-4108U-RP PRO+-UK</p> <p>VS-4112U-RP PRO+-UK</p> <p>VS-4116U-RP PRO+-UK</p>	<p>QNAP VioStor networking video recorder Linux-embedded system with RAID data protection Mobile application: VMobile and VCam App Planning tool: Qcacluator</p>	<ul style="list-style-type: none"> > A powerful 4 bay 1U rack mount network surveillance system with redundant power supply and the support of local display over HDMI > HD Local display with hardware decode: Full HD 1080P 200FPS through HDMI/VGA > Storage expansion - VioStor NVR + QNAP Turbo NAS > Versatile recording options - Smart Recording, Edge Recording > Easy installation: Qstart > Fisheye enhanced support: Qdewarp > Maximum number of cameras: 8, 12, 16 > Processor: Dual-core Intel® 2.6GHz CPU > Maximum number of HDDs: 4, 16TB > Maximum network throughput: 250 Mbps > Alarm in/out: 8 in / 2 out (GPIO support)
 <p>VS-8124U-RP PRO+-UK</p> <p>VS-8132U-RP PRO+-UK</p> <p>VS-8140U-RP PRO+-UK</p> <p>VS-8148U-RP PRO+-UK</p>	<p>QNAP VioStor networking video recorder Linux-embedded system with RAID data protection Mobile application: VMobile and VCam App Planning tool: Qcacluator</p>	<ul style="list-style-type: none"> > A high-performance 8 bay 2U rack mount network surveillance system with redundant power supply and the support of local display > HD Local display with hardware decode: Full HD 1080P 300FPS through HDMI/VGA > Storage expansion - VioStor NVR + QNAP Turbo NAS > Versatile recording options - Smart Recording, Edge Recording > Fisheye enhanced support: Qdewarp > Maximum number of cameras: 24, 32, 40, 48 > Processor: Dual-core Intel® 3.3GHz CPU > Maximum number of HDDs: 8, 32TB > Maximum network throughput: 400 Mbps

Network Video Recorders

Part Number	Description	Features
 VS-12140U-RP PRO+-UK	QNAP VioStor networking video recorder Linux-embedded system with RAID data protection Mobile application: VMobile and VCam App Planning tool: Qcacluator	<ul style="list-style-type: none"> > QNAP's most powerful network surveillance solution, compact 2U drawer slim design of 12 bays with redundant power and support of local display > HD Local display with hardware decode: Full HD 1080P 300FPS through HDMI/VGA > Storage expansion - VioStor NVR + QNAP Turbo NAS > Versatile recording options - Smart Recording, Edge Recording > Fisheye enhanced support: Qdewarp > Maximum number of cameras: 40, 48, 56, 64 > Processor: Quad-core Intel® 3.7GHz CPU > Maximum number of HDDs: 12, 48TB > Maximum network throughput: 450 Mbps
VS-12148U-RP PRO+-UK		
VS-12156U-RP PRO+-UK		
VS-12164U-RP PRO+-UK		
 VSM-2000 VSM-4000U-RP	QNAP Central management system (complementing CMS client software)	<ul style="list-style-type: none"> > QNAP VioStor CMS is a Linux-embedded turnkey solution to centrally monitor, manage, and configure distributed NVRs, cameras, and events at multiple locations > Centralised event management > Centralised device management > Flexible central monitoring for fast focusing > Online license scalability > Open platform for 3rd party integration service > Number of license: Base: 64CH, Maximum: 1024 CH > Processor: Dual-core Intel® CPU > Maximum number of HDDs: 2, 8TB / 4, 16TB
 RAZ-MPRO4-1T RAZ-MPRO4-2T		
	Razberi 4 port NVR server switch with Windows (WES) 7 operating system, Intel Atom processor and on board storage	<ul style="list-style-type: none"> > Available in 1-2TB > Choice of VMS software > Managed PoE network switch > Fibre port (SFP) > DHCP support > Windows WES operating system

Network Video Recorders

Part Number

Description

Features



RAZ-MPRO4-I3-1T

RAZ-MPRO4-I3-2T

RAZ-MPRO4-I3-3T

RAZ-MPRO4-I3-4T

Razberi

4 port NVR server switch with Windows (WES) 7 operating system, Intel i3 processor and on board storage

- > Available in 1-4TB of storage
- > Choice of VMS software
- > Managed PoE network switch
- > Fibre port (SFP)
- > DHCP support
- > Windows WES operating system



RAZ-MPRO8-1T

RAZ-MPRO8-2T

Razberi

8 port NVR server switch with Windows (WES) 7 operating system, Intel Atom processor and on board storage

- > Available in 1-2TB of storage
- > Choice of VMS software
- > Managed PoE network switch
- > Fibre port (SFP)
- > DHCP support
- > Windows WES operating system



RAZ-MPRO8-I3-1T

RAZ-MPRO8-I3-2T

RAZ-MPRO8-I3-3T

RAZ-MPRO8-I3-4T

Razberi

8 port NVR server switch with Windows (WES) 7 operating system, Intel i3 processor and on board storage

- > Available in 1-4TB of storage
- > Choice of VMS software
- > Managed PoE network switch
- > Fibre port (SFP)
- > DHCP support
- > Windows WES operating system

Network Video Recorders

Part Number	Description	Features
 RAZ-MPRO16-2T RAZ-MPRO16-4T RAZ-MPRO16-6T RAZ-MPRO16-8T	Razberi 16 port NVR server switch with Windows (WES) 7 operating system, Intel Atom processor and on board storage	<ul style="list-style-type: none"> > Available in 2-8TB > Choice of VMS software > Managed PoE network switch > Fibre port (SFP) > DHCP support > Windows WES operating system
 RAZ-MPRO16-I3-2T RAZ-MPRO16-I3-4T RAZ-MPRO16-I3-6T RAZ-MPRO16-I3-8T RAZ-MPRO16-I3-12T RAZ-MPRO16-I3-16T	Razberi 16 port NVR server switch with Windows (WES) 7 operating system, Intel i3 processor and on board storage	<ul style="list-style-type: none"> > Available in 2-16TB of storage > Choice of VMS software > Managed PoE network switch > Fibre port (SFP) > DHCP support > Windows WES operating system
 RAZ-MPRO16-I7-2T RAZ-MPRO16-I7-4T RAZ-MPRO16-I7-6T RAZ-MPRO16-I7-8T RAZ-MPRO16-I7-12T RAZ-MPRO16-I7-16T	Razberi 16 port NVR server switch with Windows (WES) 7 operating system, Intel i7 processor and on board storage with RAID capability	<ul style="list-style-type: none"> > Available in 2-16TB of storage > Choice of VMS software > Managed PoE network switch > Fibre port (SFP) > DHCP support > Windows WES operating system

Network Video Recorders

Part Number

Description

Features



RAZ-MPRO24-I5-2T

RAZ-MPRO24-I5-4T

RAZ-MPRO24-I5-6T

RAZ-MPRO24-I5-8T

RAZ-MPRO24-I5-12T

RAZ-MPRO24-I5-16T

Razberi

24 port NVR server switch with Windows (WES) 7 operating system, Intel i5 processor and on board storage with RAID capability

- > Available in 2-16TB of storage
- > Choice of VMS software
- > Managed PoE network switch
- > Fibre port (SFP)
- > DHCP support
- > Windows WES operating system



RAZ-MPRO24-I7-2T

RAZ-MPRO24-I7-4T

RAZ-MPRO24-I7-6T

RAZ-MPRO24-I7-8T

RAZ-MPRO24-I7-12T

RAZ-MPRO24-I7-16T

Razberi

24 port NVR server switch with Windows (WES) 7 operating system, Intel i7 processor and on board storage with RAID capability

- > Available in 2-16TB of storage
- > Choice of VMS software
- > Managed PoE network switch
- > Fibre port (SFP)
- > DHCP support
- > Windows WES operating system



RAZ-ST-6T

RAZ-ST-9T

RAZ-ST-12T

RAZ-ST-15T

Razberi

eSATA extended storage unit for additional storage for Razberi server switch units

- > Available in 6-15TB of storage
- > Compact 1U form factor
- > Cost effective and scalable



All-in-One Appliances

Server
SmartSwitch
Storage
Software



www.razberi.net

Network Video Recorders



Part Number	Description	Features
<div></div> <div>RAZ-A4-1T</div> <div>RAZ-A4-2T</div>	<div>Razberi Arcus 4 port NVR server switch with Linux operating system, VMS licenses, Intel Atom processor and on board storage</div>	<div>> Available in 1-2TB of storage</div> <div>> Arcus VMS licenses included</div> <div>> Managed PoE network switch</div> <div>> Fibre port (SFP)</div> <div>> DHCP support</div>
<div></div> <div>RAZ-A8-I3-1T</div> <div>RAZ-A8-I3-2T</div> <div>RAZ-A8-I3-3T</div> <div>RAZ-A8-I3-4T</div>	<div>Razberi Arcus 8 port NVR server switch with Linux operating system, VMS licenses, Intel i3 processor and on board storage</div>	<div>> Available in 1-4TB of storage</div> <div>> Arcus VMS licenses included</div> <div>> Managed PoE network switch</div> <div>> Fibre port (SFP)</div> <div>> DHCP support</div>
<div></div> <div>RAZ-A16-I3-2T</div> <div>RAZ-A16-I3-4T</div> <div>RAZ-A16-I3-6T</div> <div>RAZ-A16-I3-8T</div> <div>RAZ-A16-I3-12T</div> <div>RAZ-A16-I3-16T</div>	<div>Razberi Arcus 16 port NVR server switch with Linux operating system, VMS licenses, Intel i3 processor and on board storage</div>	<div>> Available in 2-16TB of storage</div> <div>> Arcus VMS licenses included</div> <div>> Managed PoE network switch</div> <div>> Fibre port (SFP)</div> <div>> DHCP support</div>

Network Video Recorders

Part Number	Description	Features
 RAZ-A16-I7-2T RAZ-A16-I7-4T RAZ-A16-I7-6T RAZ-A16-I7-8T RAZ-A16-I7-12T RAZ-A16-I7-16T	Razberi Arcus 16 port NVR server switch with Linux operating system, VMS licenses, Intel i7 processor and on board storage with RAID capability	<ul style="list-style-type: none"> > Available in 2-16TB of storage > Arcus VMS licenses included > Managed PoE network switch > Fibre port (SFP) > DHCP support
 RAZ-A24-I5-2T RAZ-A24-I5-4T RAZ-A24-I5-6T RAZ-A24-I5-8T RAZ-A24-I5-12T RAZ-A24-I5-16T	Razberi Arcus 24 port NVR server switch with Linux operating system, VMS licenses, Intel i5 processor and on board storage with RAID capability	<ul style="list-style-type: none"> > Available in 2-16TB of storage > Arcus VMS licenses included > Managed PoE network switch > Fibre port (SFP) > DHCP support
 RAZ-A24-I7-2T RAZ-A24-I7-4T RAZ-A24-I7-6T RAZ-A24-I7-8T RAZ-A24-I7-12T RAZ-A24-I7-16T	Razberi Arcus 24 port NVR server switch with Linux operating system, VMS licenses, Intel i7 processor and on board storage with RAID capability	<ul style="list-style-type: none"> > Available in 2-16TB of storage > Arcus VMS licenses included > Managed PoE network switch > Fibre port (SFP) > DHCP support

Video Management Software

Part Number

Description

Features



ACTi
Network video recorder
software v3.0

- > 16-channel free license included
- > Manage up to 100 cameras or video encoders
- > Recording up to 100 channels
- > Live view up to 64 channels
- > Synchronized playback local up to 64 Channels
- > Export video with RAW and AVI formats
- > Event trigger, response and notification
- > Mobile Client, Web Client, Workstation
- > Location-based management with eMap
- > Non-ACTi camera support via licensed Camera Device Pack

NVR 3.0

Avigilon Control Center

Built from the ground up to manage HD footage, ACC is the industry's most powerful and easy-to-use video management software that delivers superior image detail.

Available in Core, Standard and Enterprise editions to meet the needs of any security installation.



1C-ACC5-COR

4C-ACC5-COR

8C-ACC5-COR

16C-ACC5-COR

24C-ACC5-COR

Avigilon
Control Center Core Edition

The entry level version of our award-winning software that delivers advanced high-definition surveillance capabilities and ease-of-use for small businesses

- > Powerful and easy to use
- > Powered by HDSM technology to reduce bandwidth
- > No ongoing support licence charges (PMA)
- > Core, Standard and Enterprise versions
- > Low cost upgrade path from version to version
- > ONVIF compliant
- > H.264, MPEG4, MJPEG, JPEG 2000 compatible
- > iPad, iPhone, Android compatible
- > Search through hours of footage in just seconds to reduce investigation time



Service.

A team of experts offering fast, friendly, award-winning service.

All together.

MAYFLEX

Part Number

Description

Features



Avigilon

Control Center Standard Edition

A cost effective solution to meet vital and focused security needs. Supports up to 48 cameras per server, making it an ideal solution for mid-size operations

- > Powerful and easy to use
- > Powered by HDSM technology to reduce bandwidth
- > No ongoing support licence charges (PMA)
- > Core, Standard and Enterprise versions
- > Low cost upgrade path from version to version
- > ONVIF compliant
- > H.264, MPEG4, MJPEG, JPEG 2000 compatible
- > iPad, iPhone, Android compatible
- > Search through hours of footage in just seconds to reduce investigation time

1C-ACC5-STD

4C-ACC5-STD

8C-ACC5-STD

16C-ACC5-STD

24C-ACC5-STD



Avigilon

Control Center Enterprise Edition

Includes advanced features making it the most powerful, open HD surveillance platform around. Supports up to an unlimited number of cameras and servers for large scale needs

- > Powerful and easy to use
- > Powered by HDSM technology to reduce bandwidth
- > No ongoing support licence charges (PMA)
- > Core, Standard and Enterprise versions
- > Low cost upgrade path from version to version
- > ONVIF compliant
- > H.264, MPEG4, MJPEG, JPEG 2000 compatible
- > iPad, iPhone, Android compatible
- > Search through hours of footage in just seconds to reduce investigation time

1C-ACC5-ENT

4C-ACC5-ENT

8C-ACC5-ENT

16C-ACC5-ENT

24C-ACC5-ENT

Video Management Software

Part Number

Description

Features

Milestone XProtect Video Management Software

Powerful and easy to use software.

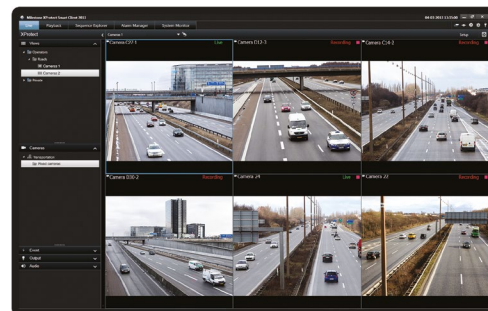
Wide array of features for basic to advanced surveillance needs, Open platform makes it easy to integrate third-party solutions.

Seamlessly expand and upgrade your system

Compatible with more than 3000 devices.

Easy and cost-effective to transition from analogue to IP

Support for Milestone Interconnect.



XPEBL

Milestone

XProtect Essential
Base licence

- > Supports up to 26 cameras and 5 concurrent users
- > Ideal for small, single-server businesses
- > Configuration wizards and automatic camera detection
- > Dual streaming
- > Flexible licensing model makes it easy to expand and upgrade your system

XPEDL

XProtect Essential
Device licence



XPETBL

Milestone

XProtect Express
Base licence

- > Supports up to 48 cameras and 5 concurrent users
- > Ideal for small, single-server businesses, especially retail
- > Configuration wizards and automatic camera detection
- > Support for XProtect® Transact and XProtect® Retail
- > Support for the Milestone Integration Platform (MIP)

XPETDL

XProtect Express
Device licence



XPCOBT

Milestone

XProtect Professional
Base licence

- > Supports an unlimited number of servers and cameras
- > Ideal for mid-sized installations
- > Automatic camera discovery and wizards for easy deployment
- > Alarm Manager and maps
- > Easy to create and export high-quality video evidence
- > Multi-channel, two-way audio
- > Dual streaming
- > Support for Milestone Interconnect™
- > Support for the Milestone Integration Platform (MIP)

XPCODL

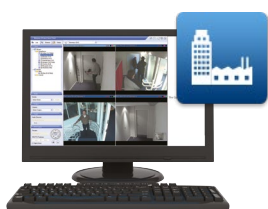
XProtect Professional
Device licence

Video Management Software

Part Number

Description

Features



XPEBL

Milestone

XProtect Enterprise
Base licence

- > Supports an unlimited number of servers and cameras
- > Ideal for large-scale, multi-site installations
- > Configuration wizards and automatic camera discovery
- > Alarm Manager and maps
- > Easy to create and export high-quality video evidence
- > Multi-channel, two-way audio
- > Camera navigator
- > Support for Milestone Interconnect™
- > Support for the Milestone Integration Platform (MIP)

XPEDL

XProtect Enterprise
Device licence



XPETBL

Milestone

XProtect Expert
Base licence

- > Supports an unlimited number of cameras, servers, sites and users
- > Ideal for advanced medium to large installations
- > Central management
- > System monitor and configuration reports
- > Edge storage with flexible retrieval
- > Alarm Manager and maps
- > Bookmarking
- > Milestone Interconnect™
- > Support for the Milestone Integration Platform (MIP)
- > Support for XProtect® Smart Wall

XPETDL

XProtect Expert
Device licence



XPCOBT

Milestone

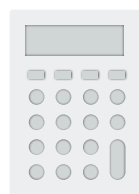
XProtect Corporate
Base licence

- > Supports an unlimited number of cameras, servers, sites and users
- > Ideal for large, high-risk installations
- > Edge storage and failover recording servers
- > Milestone Federated Architecture™
- > Bookmarking
- > Centralised management
- > XProtect® Smart Wall included
- > Multi-stage storage
- > Support for the Milestone Integration Platform (MIP)
- > Milestone Interconnect™

XPCODL

XProtect Corporate
Device licence

Milestone continually strives to make XProtect VMS easy to use, they offer three flexible ways for users to access surveillance: XProtect Smart Client, Milestone Mobile and XProtect Web Client. Depending on where you are and what features you need, you can choose the mobile device or computer you prefer to use and whether you want to access Milestone surveillance on-site, off-site or on-the-go, and because all of Milestone's clients are free of charge, you can use all three or any combination of the clients based on your preferences.



Storage
Calculator

XProtect Smart Client

- > Designed for use by daily operators
- > Optimise for specific tasks or requirements
- > Interactive maps and Alarm Manager helps identify and locate alarms
- > Evidence lock ensures critical video is not deleted


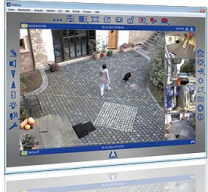

XProtect Web Client

- > Web-based interface
- > Access via any internet-enabled device
- > Instant access to essential functions

Milestone Mobile

- > Free application for Apple, Android and Windows Phone 8 devices
- > Access via Wi-Fi, 3G or 4G connections
- > Push live video from the device's camera (requires a device license)

Video Management Software

Part Number	Description	Features
	Mobotix Professional video management software	<ul style="list-style-type: none"> > Proven many times over worldwide in the most demanding video applications > Unlimited number of users and cameras, no license fee > Individual user interface, adaptable to each individual user > Simple installation and complete use on any standard PC > Convenient layout editor for integrating real building plans > Integration of conventional network and analogue cameras as well > Export recordings to AVI and Quicktime as H.264 video with sound > 100% free of charge
MxControlCentre		
	Mobotix Professional video management software	<ul style="list-style-type: none"> > Ideally designed for the wide range of functions of the MOBOTIX cameras > Monitoring of up to 16 MOBOTIX cameras > Supports decentralised system concept and works with internal camera recording > Simple, quick setup; user-friendly and intuitive operation > Transparent layout of operating elements; compatible with touch panels > Ideally suited for small office and home security environments > Platform-independent format (Windows, Mac, Linux) > 100% free of charge
MxEasy		
	Mobotix Mobile remote station for MOBOTIX cameras and door stations	<ul style="list-style-type: none"> > Live images and recordings in the best MOBOTIX HiRes quality > Two-way communication, door opening and video mailbox access > Mobile remote station for MOBOTIX cameras and door stations > Doorbell and alarm notifications, protection of privacy > Convenient search functions, playback of external MxPEG videos > Grouping of cameras and filtering of events > 100% free of charge
MOBOTIX App		

Video Management Software

+

Part Number

Description

Features



Panasonic

WV-ASM200W

Management software for multi-recorder systems

WV-ASE201W

Management extension software for multi-recorder systems, support for WV-CU950 controller, map and video wall views

WV-ASE202W

Management extension software for multi-recorder systems, supports 32/64 camera split screen with 4 live windows

WV-ASE203W

Management extension software for multi-recorder systems, expands maximum number of recorders, encoders and cameras to 100, 64 and 256

WV-ASE231W

Face searching plugin for ASM200 or ASM970

WV-ASF900

Facial recognition analytics platform running in the video surveillance system, face search, face matching, people counting, age and gender statistics (4 licenses included)

WV-ASFE901

1 channel face server license

WV-ASFE904

4 channel face server license

Storage

Part Number

Description

Features

**BCDVideo**

HD video direct attached storage array, up to 72TB internal storage, scalable to 772TB, 2U rack mount unit

- > 12 hard drive bays (no hard drives installed)
- > 2 x 460 Watt power supplies
- > Supports RAID 5 or 6
- > Lifetime phone support
- > 5 year on-site next business day hardware warranty

BCD3600**BCDVideo**

HD video direct attached storage array, up to 84TB internal storage, scalable to 772TB, 2U rack mount unit

- > 2 x 750 Watt power supplies
- > Supports RAID 5, 6, 50, and 60
- > Lifetime phone support
- > 5 year on-site next business day hardware warranty

BCD1640**BCDVideo**

HD video direct attached storage array, up to 420TB internal storage, scalable to 1.68PB, 5U rack mount unit

- > 70 hard drive bays (no hard drives installed)
- > Supports RAID 5, 6, 50 or 60
- > Lifetime phone support
- > 5 year on-site next business day hardware warranty

BCD6000V



snapserver®

XSD 40



- DynamicRAID
- Unified Storage
- BitTorrent Sync
- Advanced Security
- RDX Integration
- High Performance Snapshots



DX1 and DX2

- DynamicRAID
- Unified Storage
- BitTorrent Sync
- Advanced Security
- Replication
- Revolutionary Volume Management
- Expansion

www.overlandstorage.com

Ashville Way | Wokingham, Berkshire | RG41 2PL England | Tel: +44 1 189 898 000

Storage

Part Number

Description

Features

Overland SnapServer DX2

The SnapServer DX2 is a high performance, scalable NAS server; and the first storage system in its space that you do not have to provision. With DynamicRAID, hard drives can be added or replaced at any time to grow existing storage pools. Volumes grow automatically as drives are added, simplifying the management and reducing the time required to adapt to changing storage requirements.

Ideal for storing both block and file data, this 2U 12 bay SnapServer DX2 storage array supports up to 12 SATA, SAS, or SSD hard drives and integrates out of the box with Windows, Linux, UNIX, Mobotix security, and Macintosh environments. Consolidate multiple servers into the SnapServer using the data import tool, or host virtual servers and database applications utilising the iSCSI SAN feature. The SnapServer DX2 supports

Microsoft VSS/VDS integration to simplify management and ensure application consistent snapshots. For data protection, the SnapServer DX2 has the ability to replicate to one or multiple SnapServers, take snapshots for point-in-time recovery, and perform backups to disk, VTL, or tape.



Overland

OV-NASDX2-1.2TB

SnapServer DX2, 1.2TB
Enterprise SAS (4 X 300GB)

OV-NASDX2-2.4TB

SnapServer DX2, 2.4TB
Enterprise SAS (4 X 600GB)

OV-NASDX2-4TB

SnapServer DX2, 4TB Enterprise
SATA (4 X 1TB)

OV-NASDX2-8TB

SnapServer DX2, 8TB Enterprise
SATA (4 X 2TB)

OV-NASDX2-12TB

SnapServer DX2, 12TB
Enterprise SATA (4 X 3TB)

OV-NASDX2-16TB

SnapServer DX2, 16TB
Enterprise SATA (4 X 4TB)

OV-NASDX2-24TB

SnapServer DX2, 24TB
Enterprise SATA Bundle
(12 X 2TB)

OV-NASDX2-48TB

SnapServer DX2, 48TB
Enterprise SATA Bundle
(12 X 4TB)



- > DynamicRAID
- > Mobotix MxRemote Preview Integration
- > RDX Media Backup
- > BitTorrent Sync
- > Remote replication
- > Thin provisioning
- > Block and file access
- > High performance snapshots
- > Advanced security
- > Proven GuardianOS platform

Part Number

Description

Features

Overland SnapServer DX1

Built upon the award winning GuardianOS, the SnapServer DX1 is the first storage system that you do not have to provision. The 1U, 4-drive SnapServer DX1 supports DynamicRAID for seamless storage expansion by adding or replacing hard drives as capacity requirements change.

The SnapServer storage volumes can grow or shrink dynamically within the storage pool without IT intervention, preventing costly provisioning errors and unnecessary upgrades.

The SnapServer DX1 supports desktop SATA-II and enterprise class SATA-II hard drives and is scalable up to 160TB with the optional SnapExpansion chassis. With both block and file level access, the SnapServer DX1 has cross-platform compatibility with Windows, Linux, UNIX, Mobotix security cameras, and Macintosh systems and is ideal for file sharing and storage consolidation. The SnapServer DX1 includes data protection features such as, DynamicRAID, snapshots, disk-to-disk backup and supports optional data replication.

**OV-NASDX1-4TB****Overland**

SnapServer DX1, 4TB Enterprise SATA (4 X 1TB)

OV-NASDX1-8TB

SnapServer DX1, 8TB Enterprise SATA (4 X 2TB)

OV-NASDX1-12TB

SnapServer DX1, 12TB Enterprise SATA (4 X 3TB)

OV-NASDX1-16TB

SnapServer DX1, 16TB Enterprise SATA (4 X 4TB)

- > DynamicRAID
- > BitTorrent Sync
- > Revolutionary volume management
- > Unified storage
- > Advanced security expansion
- > Replication
- > Proven GuardianOS platform
- > Snap Enterprise data replicator
- > High performance snapshots

Products, Partners, People, Service.

Mayflex brings it all together.

Storage

Part Number

Description

Features

Overland SnapServer XSD 40

Built upon the award winning GuardianOS, the SnapServer XSD 40 offers enterprise class management, data protection features, and Mobotix security camera integration all in a desktop form factor. Ideal for file sharing and remote access the SnapServer XSD 40 supports SATA-II hard drives and is scalable up to 16TB. The SnapServer GuardianOS includes DynamicRAID for seamless storage expansion by adding or replacing hard drives as capacity requirements change. In addition, all SnapServer storage volumes can grow or shrink dynamically within the storage pool without IT intervention, preventing costly provisioning errors and unnecessary upgrades.

**OT-NAS200203****Overland**

SnapServer XSD 40, 2TB SATA bundle (2X1TB)

OT-NAS200204

SnapServer XSD 40, 4TB SATA bundle (2X2TB)

OT-NAS200205

SnapServer XSD 40, 6TB SATA bundle (2X3TB)

OT-NAS200206

SnapServer XSD 40, 8TB SATA bundle (2X4TB)

OT-NAS200207

SnapServer XSD 40, 4TB SATA bundle (4X1TB)

OT-NAS200208

SnapServer XSD 40, 8TB SATA bundle (4X2TB)

OT-NAS200209

SnapServer XSD 40, 12TB SATA bundle (4X3TB)

OT-NAS200210

SnapServer XSD 40, 16TB SATA bundle (4X4TB)

- > Dynamic RAID
- > BitTorrent Sync
- > RDX integration
- > Revolutionary volume management
- > Unified storage
- > Advanced security
- > High performance snapshots
- > Replication
- > Mobotix security camera integration
- > High performance snapshots

Part Number

Description

Features

QNAP Turbo NAS TS-x31 Home/SOHO Series

Powered by an advanced ARM Cortex A9 dual-core processor, the TS-x31 delivers incredible performance as a home NAS with three USB 3.0 and dual LAN ports. A powerful yet easy to use network storage centre for backup, synchronisation, remote access and video storage. Users can easily create digital notes on a private cloud with Notes Station.

**TS-431****TS-231****TS-131****QNAP**

TS-x31 Series

1/2/4 bay NAS, ARM Cortex-A9
Dual-Core 1.2GHz, 512MB
DDR3 RAM

- > Build a private cloud-based notebook and share with friends and colleagues with the integrated Notes Station and Qnote mobile app
- > Organise and manage files and backup tasks in one centralised location
- > Synchronise files between computers, laptops and mobile devices
- > Archive, manage, enjoy and share media collections with the dedicated Photo Station, Video Station and Music Station apps
- > Enjoy family videos, movies, music, and photos on TV with DLNA and AirPlay streaming
- > Transcode Full HD videos offline and enjoy smooth video streaming even when the network connection is restricted
- > Create a 24/7 surveillance centre for home/small office

QNAP Silent Turbo NAS

The HS-251, powered by dual-core Intel® Celeron® 2.41GHz processor, was created as a silent NAS solution that allows users to enjoy files and footage with no distractions. Coupled with the support of HDMI connectivity for 1080p video playback and hardware transcoding capability, the HS-251 is ideal for HD IP CCTV. Being fanless, the HS-251 has no internal moving parts for improved reliability and remains clean and dust-free even after long-term usage.



HS-251-2G
(2GB RAM)

HS-251
(1GB RAM)

QNAP

Silent Turbo NAS

2 bay fanless NAS, Intel Celeron 2.41
GHz Dual Core, 2GB DDR3L RAM

2 bay fanless NAS, Intel Celeron 2.41
GHz Dual Core, 1GB DDR3L RAM

- > iF Design Product Award 2014 Winner
- > Silent and fanless NAS with HDMI-out for the best audiovisual experience
- > Dust-free with a revolutionary thermal design to intelligently dissipate heat
- > Transcode Full HD videos on-the-fly or offline
- > Play 1080p videos with 7.1 channel surround sound pass-through via HDMI output
- > Create a personal cloud and stream your multimedia library via DLNA, AirPlay and Plex
- > Store hundreds of thousands of HD videos, lossless music and high-resolution photos with a powerful media library

Storage

Part Number

Description

Features

QNAP Turbo NAS TS-x51 SOHO/SMB Series

An easy to use and high-performance consumer grade NAS for data backup, file synchronisation, remote access, video storage, with integrated virtualisation technology, featuring real time and offline HD video transcoding. Supporting 1080p video play with 7.1 channel surround sound pass-through via HDMI output and featuring scalable design.



TS-851-4G
(4GB RAM)

TS-851
(2GB RAM)

TS-651-4G
(4GB RAM)

TS-651
(2GB RAM)

TS-451-4G
(4GB RAM)

TS-451
(2GB RAM)

TS-251-4G
(4GB RAM)

TS-251
(2GB RAM)

QNAP TS-x51 Series

2/4/6/8 bay NAS, Intel Celeron
2.41 GHz Dual Core, 4GB
DDR3L RAM (max 8GB)

2/4/6/8 bay NAS, Intel Celeron
2.41 GHz Dual Core, 2GB
DDR3L RAM (max 8GB)

- > Transcode Full HD videos on-the-fly or offline
- > Play 1080p videos with 7.1 channel surround sound pass-through via HDMI output
- > Create a personal cloud and stream your multimedia library via DLNA, AirPlay and Plex
- > Centralise your file storage, sharing and backup
- > Run a virtual machine and extend the functionality of the NAS with an integrated virtualisation solution
- > Expand the total raw storage capacity with a QNAP expansion enclosure UX-500P/UX-800P



Surveillance Station 5.0 Professional Network Video Recorder (NVR)

The Surveillance Station is professional network surveillance Video Management System (VMS). Being one of the Turbo NAS standard applications, the Surveillance Station can be activated on the QTS App Center to turn the Turbo NAS into a professional Network Video Recorder (NVR) system for real-time monitoring, recording, playback, alarm notifications, Intelligent Video Analytics (IVA), and management to safeguard your assets and property when used with supported IP cameras.



Comprehensive Video Surveillance Storage Solutions

Safeguard your assets and property with QNAP Turbo NAS & VioStor NVR

- Scheduled recording
- Intelligent Video Analytics (IVA)
- Centralised Management System
- Recording & live monitoring with mobile devices



VMobile



Vcam



NAS
+
NVR



Reliable & Scalable NAS Surveillance Solution

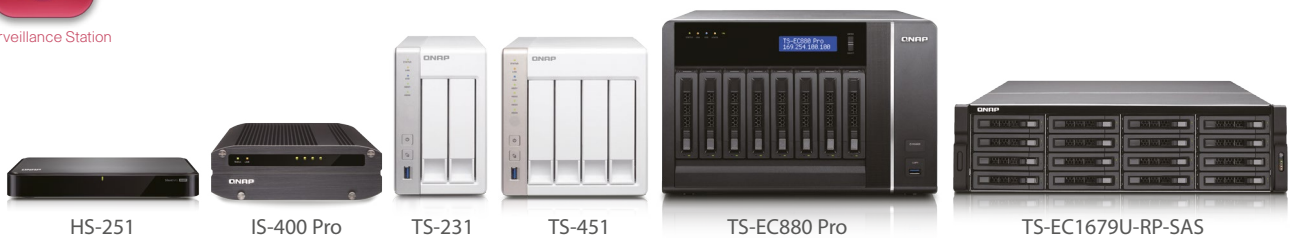
Turn your Turbo NAS into a Network Video Recorder (NVR) with intuitive web-based operating system.



Surveillance Station

Easily manage large-scale cameras with Video Management System (VMS)

Manage and monitor up to 128* IP cameras centrally on a single Turbo NAS by connecting multiple Turbo NAS units to minimize management efforts and expand the surveillance scale when needed.



* 2 or 4 free recording channels are only for Surveillance Station 5.0 with QTS 4.1 firmware (or higher versions). Older versions of Surveillance Station and QTS provide a minimum of 1 free license.

QNAP NVR, Make Surveillance Safe and Secure

Robust performance, solid reliability, high-definition local display and scalable with affordable Turbo NAS expansion solutions



VS-8100U-RP Pro+ Series



VS-4100U-RP Pro+ Series

GPIO Support

Built-in GPIO Terminal Block

GPIO interface accepts external connection linking to alarm equipment.

Storage

Part Number

Description

Features

QNAP Turbo NAS TS-x53/55-x53 SMB Series

A powerful, reliable, secure and scalable NAS designed for mission-critical business applications, providing a comprehensive storage solution for SMBs to build a reliable private cloud. With QNAP's exclusive QvPC Technology, users can run the TS-x53 Pro as a PC with a plugged in monitor, keyboard and mouse for various applications.



TS-853 Pro-8G
(8GB RAM)

TS-853 Pro
(2GB RAM)

TS-653 Pro-8G
(8GB RAM)

TS-653 Pro
(2GB RAM)

TS-453 Pro-8G
(8GB RAM)

TS-453 Pro
(2GB RAM)

TS-253 Pro-8G
(8GB RAM)

TS-253 Pro
(2GB RAM)

SS-853 Pro-4G
(4GB RAM)

SS-453 Pro-4G
(4GB RAM)

QNAP

Turbo NAS TS-x53 Series

2/4/6/8 bay NAS, Intel Celeron 2.0 GHz
Quad Core, 8GB DDR3L RAM
(Maximum 8GB)

2/4/6/8 bay NAS, Intel Celeron 2.0 GHz
Quad Core, 2GB DDR3L RAM
(Maximum 8GB)

QNAP

Turbo NAS SS-x53 Slim Series

4/8 bay NAS, 2.5" SATA 6Gb/s, Intel
Celeron 2.0 GHz Quad Core, 4GB
DDR3L RAM (Maximum 8GB)

- > Use the TS-x53 Pro as a PC with exclusive QvPC Technology
- > Manage, share and back up business data with Real-time Remote Replication (RTRR)
- > NAS and iSCSI-SAN unified storage solution for server virtualisation
- > Supports VMware®, Citrix® and Microsoft® Hyper-V and advanced virtualisation features
- > Enhanced data security with high-performance AES 256-bit encryption and anti-virus
- > Run multiple Windows/Linux-based virtual machines with the virtualisation station
- > Transcode Full HD videos on-the-fly or offline with QNAP's unique transcoding technology
- > Expand the total raw storage capacity with a QNAP expansion enclosure UX-500P/UX-800P

Check the latest QNAP
Compatibility List



Part Number

Description

Features

QNAP Turbo NAS TS-x80 Enterprise Series

TS-x80 provides a reliable and scalable NAS solution to fulfil data backup, file synchronisation and remote access. TS-x80 is 10GbE ready, delivers exceptional performance and supports cross platform file sharing, comprehensive backup solutions, iSCSI and virtualisation applications and many practical business functions, making it the ideal choice for SMBs to secure important business data.



QNAP

TS-x80 Series

TS-EC2480U-RP
TS-EC1680U-RP
TS-EC1280U-RP
TS-EC880U-RP
TS-EC1080 Pro
TS-EC880 Pro

12/16/24 bay NAS, Xeon E3-1200 v3
3.4GHz Quad Core, 4GB ECC
RAM(Maximum 32GB RAM)
Rackmount chassis, redundant PSU

8/10 bay NAS, Xeon E3-1200 v3
3.4GHz Quad Core, 4GB ECC
RAM(Maximum 32GB RAM)
Tower chassis, single PSU

- > Supports 6Gbps hard drives driving over 3,700 MB/s throughput and 410,000 IOPS
- > Two on-board mSATA internal cache ports and up to 4 SSDs for caching, beneficial to IOPS demanding applications
- > Removable motherboard drawer for easy maintenance
- > Seamless capacity expansion by connecting up to 8 QNAP RAID Expansion Enclosure REXP-1600U-RP/REXP-1200U-RP
- > Storage for comprehensive virtualisation applications supporting VMware®, Citrix® and Microsoft® virtualisation solutions
- > Optimise IT assets management with the IT Management Station (powered by Mandriva® Pulse)

QNAP Fanless Industrial NAS

A robust all in one industrial NAS designed for reliable operation. Ideal for factories, warehouses, and transportation, the IS-400 Pro delivers high performance with persistent throughput and provides a comprehensive storage solution.



QNAP

4 bay Industrial NAS, fanless, Intel
Celeron 1.1GHz Dual Core, 2GB RAM,
2.5" SSD/HDD

IS-400 Pro

- > Rock-solid fanless design with high resistance to vibration and impact
- > Acceptable operating temperatures of between -25°C and 50°C (-13°F to 120°F)
- > Up to 221MB/s read and 214MB/s write speed with 2 Gigabit LAN ports
- > Comprehensive surveillance solution with 24/7 security
- > Complete solutions for file sharing, backup, disaster recovery and data security management
- > iSCSI/IP-SAN storage with VMware®, Citrix® and Microsoft® Hyper-V® virtualisation support
- > Suitable for creating outdoor advertisement with Signage Station
- > File synchronisation between computers, tablet devices and mobile devices

Storage

Part Number

Description

Features

QNAP Turbo NAS TS-x79-SAS Enterprise Series

The SAS-enabled Turbo NAS features leading hardware specifications and allows tiered storage architecture to optimise storage utilisation. Users can flexibly arrange the storage system with SAS HDDs/SSDs for performance intensive applications and SATA HDDs for bulk data storage. Configuring different tiers to hard drives on a single NAS according to different data usage delivers the best unified and tiered storage solutions for businesses.



TS-EC1679U-SAS-RP

TS-EC1279U-SAS-RP

SS-EC2479U-SAS-RP

SS-EC1879U-SAS-RP

SS-EC1279U-SAS-RP

QNAP

Turbo NAS TS-x79 Series

12/16 bay NAS, Intel Xeon E3-1245 v2
3.4GHz Quad Core, 2.5"/3.5" SAS HDD,
8GB ECC RAM(Maximum 32GB RAM)
Rackmount chassis, redundant PSU

Turbo NAS SS-x79-Slim Series

12/18/24 bay NAS, Intel Xeon E3-1245
v2 3.4GHz Quad Core, 2.5" SAS HDD,
8GB ECC RAM(Maximum 32GB RAM)
Rackmount chassis, redundant PSU

- > Unified and tiered storage solution for business
- > Supports SAS 6Gbps hard drives driving over 3,000 MB/s throughput and 400,000 IOPS
- > 10GbE-ready, supporting SSD caching and thin-provisioned volume
- > Virtualisation ready, centralised data storage, backup, sharing and disaster recovery
- > Seamless capacity expansion by connecting up to 8 QNAP RAID expansion enclosure REXP-1600U-RP/REXP-1200U-RP

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www.mayflex.com/service-essentials

All together.

 **Service Essentials**

MAYFLEX

Part Number

Description

Features

**ACTi**

Video analytics software that can detect and recognise car license plates. It can record and search camera live and pre-recorded video stream from ACTi cameras, software NVR (NVR3) or standalone NVR (ENR series, GNR-3000, INR series)

- > Maximum number of cameras per server => 4
- > Target vehicle
- > License plate recognition
- > Speed detection

ALPR Server 2**1L-HD-LP-35****1L-HD-LP-50****1L-HD-LP-75****1L-HD-LP-100****2L-HD-LP-40****Avigilon**

The HD LPR provides single and multiple lane license plate recognition from a single camera, in HD, in all conditions, 24 hours a day

- > High Definition resolution
- > Single camera, multiple lanes
- > Roman and Arabic alphabet support
- > 3 year warranty
- > Day/night functionality
- > PSU required
- > Plug and Play




**Avigilon**

ACC HD LPR base license for 1 lane
Add-on to add an additional LPR lane

- > High Definition resolution
- > Single camera, multiple lanes
- > Roman and Arabic alphabet support
- > 3 year warranty
- > Day/night functionality
- > PSU required
- > Plug and Play

1LPR-HD-NVMS**1LPR-HD-NVMS-ADD**

Servers

Part Number	Description	Features
 <p>ECD-1000</p>	<p>ACTi Media display station</p>	<ul style="list-style-type: none"> > Simultaneously displays video streams from IP cameras and other media files (pictures/videos) directly on to TVs and monitors > Supports up to 16 channels > 11 different layouts > 1 local display, 1 remote > Up to 2-Megapixel (local display), Up to 10 Megapixel (remote display) > HDMI output
 <p>TV Wall Server</p>	<p>ACTi Overview monitoring which enables multiple views to be displayed on different monitors at the same time, supporting an unlimited number of channels</p>	<ul style="list-style-type: none"> > Support unlimited TV wall servers > Support up to unlimited channels > Layout: 1, 4, 5, 6, 8, 9, 10, 12, 16, 18, 24, 25, 35, 36, 48, 49, 64, custom > Flexible TV wall server layout management, adjustable size and position > Display e-Maps with camera icons and live view
 <p>3.0TB-HD-NVR2</p>	<p>Avigilon Avigilon servers have Avigilon Control Center preloaded and configured for maximum performance and reliability, making them easy to integrate into any Avigilon surveillance system</p>	<ul style="list-style-type: none"> > Preloaded and configured with Avigilon Control Center software > Records up to 32MB/s of data > Supports up to 128 camera channels > Supports up to 30 ips per camera channel > RAID 5 hard drive configuration > Hot-swappable hard drives > 2 Gigabit Ethernet ports > 2U rack mount chassis
5.0TB-HD-NVR2		
10.0TB-HD-NVR2		
15.0TB-HD-NVR2		
210TB-HD-NVR2		



Video Analytics

Part Number

Description

Features

Video Content Analysis

Video content analysis (VCA) has been around in the security industry for a number of years, but it offers a real opportunity for revenue growth as it has yet to reach its full potential. Here is a brief introduction:

VCA is the capability of automatically analysing video to detect and determine temporal events not based on a single image. Many different functionalities can be implemented in VCA. Video Motion Detection (VMD) is one of the simpler forms where motion is detected with regard to a fixed background scene. In the security industry, VMD has been in use for many years, mainly to trigger recording devices to switch into recording mode, or to alter the recording mode of the unit so as to provide better quality recording of the detected movement. In today's world, this means far more efficient use of hard drives and provides a tool whereby an end user can more readily see the event they are interested in as opposed to sifting through hours of recorded video - a cumbersome and expensive task.

More advanced functionalities of VCA include counting, intrusion, recognition, measurement, video tracking and more recently behaviour analysis - all providing valuable intelligence to a user or their monitoring partner either 'live' or on pre-recorded images.

VCA relies on good input video, therefore the use of HD and megapixel technologies are extremely complementary to this technology and this is fuelling growth in this sector of the market.

An increasing number of end users are recognising the full potential that VCA can bring to their organisations and are able to find an ROI for its adoption within their business. Marketing and facilities management teams are working collaboratively with those responsible for 'security' to drive increasing efficiencies from a single system deployed across an organisation and as the technology continues to develop and improve this can only bring about sustained growth in this sector of the industry.



savVi™ is Agent Vi's unified video analytics software solution. savVi boasts a set of advanced, automated video analysis tools that provide for the immediate detection and extraction of events and valuable data from surveillance footage, replacing the manual and time-consuming tasks traditionally employed to monitor live video feeds or sift through recorded video.

By employing savVi, users can make optimal use of their surveillance systems and allocate their time and attention in a more effective manner, thus increasing the return on investment in the surveillance system, as well as improving overall security, safety and business operations



Part Number

Description

Features



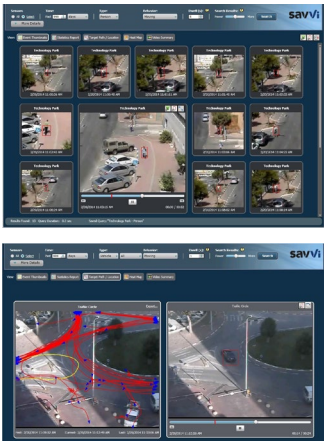
savVi Real-Time Event Detection

Agent Vi

savVi Real-Time Event Detection

savVi delivers highly accurate real-time event detections, eliminating the need to rely on the alertness or response discipline of the system’s operator. Users define potential events of interest in advance and receive alerts when such events occur, enabling rapid responses to incidents, as they emerge.

- > Transforms video surveillance system from a passive tool to a proactive detection system
- > Detects a wide range of events relating to people, vehicles and static objects
- > Analyzes video from multiple sources in parallel, including fixed, PTZ and thermal cameras
- > Enables unlimited combinations of analytics detection rules to be applied to each camera
- > Allows complex detection scenarios which combine/link detection rules from multiple cameras
- > Offers an innovative “Rule Test” which allows automatic validation of detection accuracy in the installation phase



savVi Video Search

Agent Vi

savVi Video Search

savVi boasts automatic and effortless retrieval and analysis of recorded video, replacing cumbersome, labor intensive, manual searches. Users define parameters regarding the event/object of interest and receive matching search results within seconds, enabling rapid access to specific video segments buried in the stored video.

- > Offers extensive range of search parameter filters to pinpoint video segments of interest
- > Presents versatile visualization displays that minimize video viewing time
- > Delivers rapid results: Searches 24 hours of video in a few seconds
- > Enables simultaneous search on any number of cameras
- > Increases efficiency in investigations relying on recorded video
- > Allows search to be applied in near real-time for enhanced situational awareness and incident response



savVi Business Intelligence

Agent Vi

savVi Business Intelligence

savVi offers automated statistical analysis to present traffic volumes, movement trends and motion patterns, enabling effortless extraction of operational data from surveillance video. Equipped with such information, facility managers, marketing leaders and business owners can make educated decisions regarding various operational and resource allocation aspects at their facility.

- > Delivers accurate, wide-ranging statistical data related to people and vehicles
- > Offers advanced visualization tools including charts, graphs and heat maps, for effortless analysis of the data
- > Enables exporting of the raw data for further analysis or integration with other systems
- > Enhances operations and marketing decisions for the retail sector through customer behaviour analysis
- > Provides key metrics for highway operators through vehicle flow and speed analysis

LEADING EDGE ANALYTICS.

Superior to VMD,
simpler than IVA...
SafeZone-edge



Digital Barriers



Reliable video analytics for real-world security...

SafeZone-edge is a revolutionary video analytics app for intrusion detection. It is the first product to combine the performance of server-based intelligent video analysis (IVA) with the simplicity of video motion detection (VMD). Designed to protect secure facilities and reliably monitor remote sites, SafeZone-edge offers exceptional detection accuracy (i-LIDS® approved*) with minimal false alarms.

In addition to performance, SafeZone-edge was designed with a relentless focus on ease of installation, affordability and scalability. An innovative auto-calibration feature dispenses with complex scene calibration tasks, allowing multiple cameras to be installed quickly and without fuss. Intelligent processing ensures reliable operation, adapting automatically to seasonal and environmental conditions.

Security meets simplicity and value with SafeZone-edge.

SafeZone-edge for Axis devices features:

- Unique auto-calibration of single or multiple cameras with intuitive and simple editor for typical security scenarios
- Automatic mitigation of environmental effects, including adverse weather, variable illumination, shadows and wildlife
- Optimised for edge operation on Axis cameras or encoders, without the cost and complexity of server infrastructure
- Integration of alarms and metadata with leading VMS (including Genetec, Milestone) and Axis output formats
- Simpler and more cost-effective than conventional server-based IVA; vastly more reliable than edge-based VMD



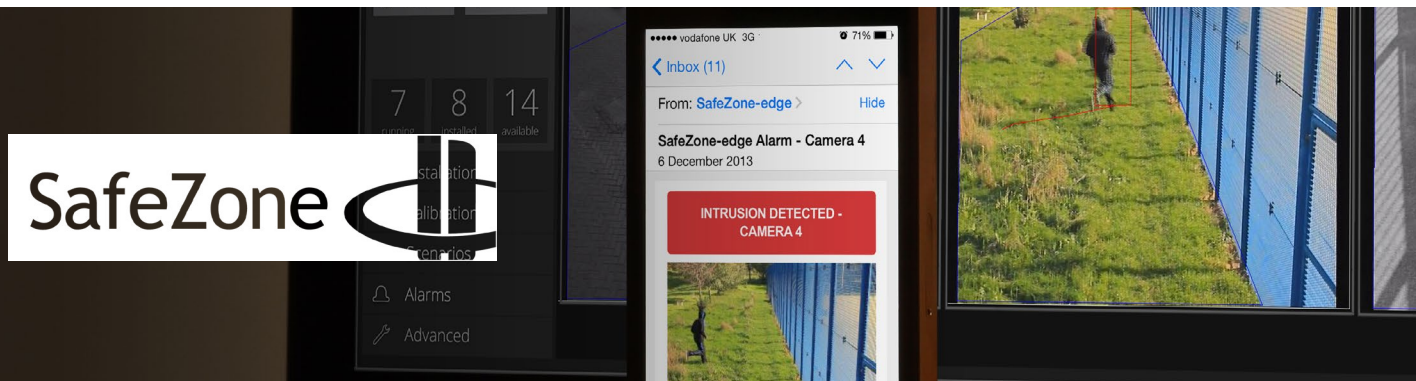
*i-LIDS® approved:

- primary detection system for operational alert use in sterile zone monitoring applications
 - event based recording system for sterile zone monitoring applications
- Subject to device specification



Digital Barriers SafeZone-edge

SafeZone-edge is an intelligent video analytics application for reliable zone-based intrusion detection. It delivers performance levels comparable to that of server-based analytics yet installs directly onto compatible AXIS cameras and encoders. SafeZone-edge was developed with input from security professionals and surveillance installers to ensure both accurate detection and ease of installation. The revolutionary auto-calibration tool vastly simplifies setup and dramatically reduces configuration time – even across multiple cameras. Sterile zones and detection rules can be defined remotely, with each device capable of handling multiple scenarios simultaneously.



Unique SafeZone-edge technology accurately interprets a scene and automatically mitigates a range of environmental effects (variable illumination, shadows, weather) that can otherwise cause nuisance alarms. SafeZone-edge is a true alternative to both server-based intelligent video analysis (IVA) and edge-based video motion detection (VMD) solutions. In a real-life operational test conducted over a week, replacement of a VMD solution with SafeZone-edge resulted in a nuisance alarm reduction of 10,000+ to just 1. SafeZone-edge delivers the optimal combination of reliability, simplicity and affordability.

SafeZone-edge has been certified to the following UK Government standards:

- i-LIDS® approved primary detection system for operational alert use in sterile zone monitoring applications
- i-LIDS® approved event based recording system for sterile zone monitoring applications

Digital Barriers SafeZone-edge

Intelligent edge-based video analytics application for reliable intrusion detection. Innovative automated setup for simple installation and automatic mitigation of weather and seasonal variations. Available on a wide-range of Axis visible band and thermal cameras and encoders. UK Government certified (i-LIDS® scheme) for use in sterile zone monitoring applications, such as perimeter security and facility monitoring.



- > Unique video analytics AI engine for highly accurate automated perimeter intrusion detection and sterile zone monitoring
- > Auto-calibration tool for rapid configuration of camera and analytics (and automatically adapts to environmental/seasonal changes)
- > Optimised for 'edge' processing on compatible AXIS devices, without the cost/complexity of back-end server infrastructure
- > Certified by UK Government (i-LIDS® approved primary detection system for operational alert use in sterile zone monitoring applications)
- > Automatic mitigation of external factors, such as adverse weather, variable illumination, shadowing and glare
- > Simple to define rule-based surveillance scenarios with the option to run multiple scenarios concurrently on one camera
- > Integration of alarm outputs and meta-data with major VMS (Genetec, Milestone) and use of standard AXIS output formats
- > Simple deployment for the addition of analytics to existing installations with compatible AXIS encoders

Video Analytics

Part Number	Description	Features
	<p>ACTi</p> <p>Analyses, records and searches live view and pre-recorded video stream from ACTi NVR 3 software or standalone NVRs for special objects with intelligent video analytics algorithms</p>	<ul style="list-style-type: none"> > Maximum number of cameras per server => 9 > Line crossing > Enter area > Missing object > Unattended object > Tamper > Object counting > People counting > Exit area > Appear in area > Crowd detection > Motion detection > Forbidden direction > Face detection > Vehicle counting > Heat map
IVS Server 2		
	<p>Avigilon</p> <p>The Rialto™ A4 analytic appliance provides a cost effective way to easily add Avigilon's pattern based video analytics to analogue video surveillance systems.</p>	<ul style="list-style-type: none"> > 4 channel analogue encoder > Available with 40GB SSD or 500GB HDD > Pattern-based analytics technology > Instant notifications > Fast and easy to install > Self-learning technology continuously improves system performance over time > Supports full 30 fps D1 (720 x 480) video resolution > Multiple audio inputs and output
VAA-A4-S40GB		
VAA-A4-H500G		
	<p>Avigilon</p> <p>The Rialto™ I4 analytic appliance provides a cost effective way to easily add Avigilon's pattern based video analytics to IP video surveillance systems</p>	<ul style="list-style-type: none"> > Analyse up to 4 SD or 2 HD IP security cameras per unit > Available with 40GB SSD or 500GB HDD > Pattern-based analytics technology > Instant notifications > Fast and easy to install > Self learning technology continuously improves system performance over time > Supports full 30 fps at 1080p (1920 x 1080) video resolution > Multiple audio inputs and output
VAA-I4-S40GB		
VAA-I4-H500G		
	<p>Avigilon</p> <p>The Rialto™ R-Series 1U rack mount analytics appliance analyses and records up to 16 security cameras per unit, supporting both analogue or IP cameras</p>	<ul style="list-style-type: none"> > Analyse up to 16 SD or HD cameras > Includes two 1 TB 3.5" hot-swappable HDDs for local storage > Pattern based analytics technology > Instant notifications > Fast and easy to install > Self learning technology continuously improves system performance over time > Supports full 30 fps at 1080p (1920 x 1080) > Multiple audio inputs and output
VAA-1U-2TB		
VAA-I4-1U		
VAA-A4-1U		





Video Door Entry

Part Number	Description	Features
 MX-T25M-SEC	Mobotix T25 IP video door station	<ul style="list-style-type: none"> > 5 MP IP video door station > Two-way video around the world thanks to the MOBOTIX App > All-round view with no blind spots thanks to Hemispheric technology > Digital continuous pan, tilt and zoom > Integrated message function > Keyless access and recording with sound > Weatherproof (IP65) > Numerous installation options both indoor and outdoor > Available with day or night sensors
 PAX-337-937	VR panel, surface mount	<ul style="list-style-type: none"> > Just 3 components, simply plug together > Units auto detect for easy plug and play installation > Easily scalable - system expands using industry standard Ethernet switches > No complex wiring or components > Full colour video camera – low light sensitivity for day/night use > Single cable connectivity with PoE - smart, simple door entry > Inbuilt access control – use with Net2 access control > SIP compatible – free upgrade; answer the Net2 Entry panel from a SIP enabled phone, tablet or PC > Secondary camera and intruder alarm integration > Video voicemail
PAX-337-957	VR panel, flush mount	
PAX-337-967	VR panel, surface mount with rain hood	
PAX-337-837	Panel	
PAX-337-857	Panel flush-mount backbox	
PAX-337-222	Panel rain hood	
 PAX-337-286	Paxton Net2 Entry Monitor	<p>Which System is right for you?</p> 
PAX-337-847	Monitor desk-mount stand	

- > Intuitive, colour touchscreen internal monitor
- > Can be used via handset for private calls or in hands free mode
- > Inbuilt help for ease of use
- > Can be wall or desk mounted
- > IP and PoE technology for easy expansion
- > No need for specialist wiring diagrams
- > Video voicemail option

Video Door Entry

Part Number	Description	Features
	Paxton Net2 Entry Components	<ul style="list-style-type: none"> > 4 port PoE switch included for easy expansion > Tamper switch included for extra security > 2A 12V DC power supply > Battery backup (not supplied) > Plastic cabinet housing
	Control unit	
	Extension switch	
	Paxton Net2 Entry Kits	
	VR panel, surface mount - single door kit	<ul style="list-style-type: none"> > Everything you need to install a one door system
	VR panel, flush mount - single door kit	
	VR panel, surface mount with rain hood - single door kit	
	Single door kit	
	Demo case	




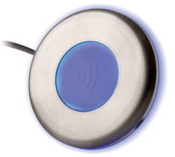
Net2 Entry v2.13 is Out Now

Net2 Entry, the simplest door entry system on the market, now comes with an updated interface for improved user-experience.

- > New features for greater flexibility
- > Improved user-experience
- > Enhanced video voicemail menu for simple management



Readers

Part Number	Description	Features
 PAX-333-110 PAX-353-110 PAX-373-110 PAX-323-110	Paxton Proximity P series Readers Proximity reader - P38 Proximity reader - P50 Proximity reader - P75 Proximity reader - P200	<ul style="list-style-type: none"> > Use with Switch2 or Net2 > Simple mounting > Read range up to 100mm with proximity cards > Supplied with a choice of black or white fascias > 4 sizes available > Low profile - less than 16mm deep
 PAX-568-855	Paxton Proximity Vandal Proof Reader	<ul style="list-style-type: none"> > Use with Switch2 or Net2 > A great solution for vulnerable areas > The reader is buried in a wall or door frame > Supplied with two coloured caps > Innovative design > IPX7 rated - suitable for external use
 PAX-390-747 PAX-390-727	Paxton Proximity Metal Readers Proximity metal reader - Satin chrome Proximity metal reader - Chrome	<ul style="list-style-type: none"> > Use with Switch2 or Net2 > Metal construction > Suitable for mounting on metal > Supplied with security screws and key > IPX7 rated - suitable for external use
 PAX-500-010 PAX-500-020	Paxton Proximity Marine Readers Proximity marine reader Proximity marine reader - Chrome	<ul style="list-style-type: none"> > Use with Switch2 or Net2 > Marine grade stainless steel construction > Suitable for marine and other harsh environments > Blue backlight for high visibility > IPX7 rated

IP-Ready Access Control Has Never Been So Easy

Diversify into IP-ready security with the UK market leaders in access control



- Intelligent security solutions that sit directly on the network
- Seamless integration with IT networks
- Industry leading technical support
- Easy integration with other networked security
 - CCTV
 - Fire alarms
 - Intruder alarm systems



Get started today!

Call us now to get your IP-ready starter kit*
for just **£199** - **saving you over £400!**

01273 811011
www.paxton.co.uk

Readers

Part Number	Description	Features
 PAX-595-248	Paxton Proximity Energy Saving Reader	<ul style="list-style-type: none"> > Use with Switch2 or Net2 > Helps save on energy costs > Simple mounting > Supplied with a choice of black or white covers > Reads Mifare tokens when used with Net2 > Reads EM4100 tokens when used with Net2
 PAX-380-127	Paxton Proximity LCD reader	<ul style="list-style-type: none"> > Use with Switch2 or Net2 > High quality LCD screen > Enables 4 unique images to be displayed > Can be mounted vertically or horizontally > Images updated via a wireless USB device > IPX7 rated
 PAX-409-711SC	Paxton CARDLOCK Readers	<ul style="list-style-type: none"> > Use with Switch2 or Net2 > Smart plastic construction or satin chrome finish > Low cost cards > IPX7 rated - suitable for external use
PAX-266-898	CARDLOCK reader - Black plastic	
 AR11S-MF	Siemens Mifare card reader	<ul style="list-style-type: none"> > Designed for today's bright, clean interiors, yet robust in service for exterior use > Mifare classic & DESFire reader > Dimensions (W x H x D) 85 x 114 x 22 > Three indicator LEDs and a multi tone buzzer for audio verification > A multicolour light frame enforces access status information > An adapter plate used for mounting on UK backboxes and an extension cable included in the box > Up to 6cm reading distance > Zinc casted metal bezel with polycarbonate plastic front > IP55 (Surface mounted) > Tamper protected
 AR41S-MF	Siemens Mifare card reader with keypad and display	<ul style="list-style-type: none"> > Designed for today's bright, clean interiors, yet robust in service for exterior use > Mifare classic & DESFire reader with OLED display and PIN pad > Dimensions (W x H x D) 85 x 114 x 22 > Three indicator LEDs and a multi tone buzzer for audio verification with a multicolour light frame > Displays door status messages in 11 languages configurable from Aliro system - per user. > An adapter plate used for mounting on UK backboxes and an extension cable included in the box > Up to 6cm reading distance > Zinc casted metal bezel with polycarbonate plastic front > IP55 (Surface mounted) > Tamper protected

Controllers

Part Number

Description

Features



AXIS A1001

AXIS

AXIS A1001 Network Door Controller is an open, non-proprietary platform for access management that meets the requirements for advanced enterprise systems as well as smaller installations

- > Open platform for third party software
- > PoE support
- > Ease of installation
- > Support most reader types
- > Scalable and future proof
- > Plenum rated
- > Open and flexible powered by IP



PAX-682-493

Paxton

Net2 Plus Controllers

1 door controller

PAX-682-528

1 door controller - Plastic housing

PAX-682-531

1 door controller - 12V 2A PSU, plastic cabinet

PAX-682-284

1 door controller - PoE+, plastic cabinet

PAX-682-721

1 door controller - PoE+, metal cabinet

PAX-682-813

1 door controller - 12V 2A PSU, metal cabinet



PAX-654-943

Paxton

Net2 Nano Controllers

1 door controller

PAX-654-549

1 door controller - Plastic housing

PAX-654-772

1 door controller - 12V 2A PSU, plastic cabinet

- > Uses data encrypted wireless technology
- > No wiring needed between the control unit and PC
- > Diagnostic LEDs
- > Colour coded wiring labels
- > Net2 nano and Net2 plus control units can be mixed on a site
- > Dedicated lock output
- > Distributed intelligence
- > Event buffering



PAX-489-710

Paxton

Net2 I/O Boards

Net2 I/O board

PAX-385-710

Net2 I/O board - Plastic housing

PAX-411-623

Net2 I/O board - 12V 2A PSU, plastic cabinet

- > Flexible inputs and outputs
- > Integrate with lifts, heating, lighting and more
- > Connects directly to LAN/WAN only
- > 4 mains rated relay outputs per board
- > 4 inputs per board
- > For use with Net2 triggers and actions feature

Controllers

Part Number

Description

Features



Paxton

Proximity hands free interface plastic housing

- > Convert existing or new P series readers or KP keypads to hands free
- > Increases read range dramatically
- > Wires in series with the reader
- > Uses wireless technology
- > Requires no separate power source

PAX-477-222



Paxton

Net2 PaxLock

- > Wireless, battery powered Net2 access control
- > Simple door handle solution that can be fitted in minutes
- > Events are reported back to the Net2 server in real time
- > Full battery management system with low battery alerts and easy-change AA batteries
- > Euro profile lock case compatibility
- > Mifare and Net2 proximity versions
- > Key override option

PAX-901-110

No key override

PAX-901-148

48mm Euro

PAX-901-172

72mm Euro

PAX-901-210

Mifare - No key override

PAX-901-248

Mifare - 48mm Euro

PAX-901-272

Mifare - 72mm Euro



AP01P

Siemens

Aliro IP access point for one door read in/out

- > Aliro benefits from a flat system architecture that is simply comprised of single door access points (AP)
- > IP access points (AP) for one door without PSU
- > Aliro access points (AP) are quickly and easily networked via an Ethernet connection
- > Connection for reader in and reader out
- > Local anti pass back - hard, soft or timed
- > Can also offer RS485 connections
- > Reader connections are OSDP, clock/data or wiegand
- > Capacity for 10,000 users and 100,000 cards stored locally
- > Configurable inputs and outputs - 4 inputs and 6 outputs
- > Can work offline with up to 8000 events stored locally



AP11P

Siemens

Aliro Door Kits
AP01P access point + AR11S-MF card reader

- > Easier and more economical way of buying an Aliro system
- Kit contains
 - > AP01 - IP door controller
 - > AR11S-MF - Mifare classic and DESfire reader

Part Number

Description

Features



AP41P

Siemens

AP01P access point + AR41S-MF card reader with keypad

> Easier and more economical way of buying an Aliro system

Kit contains

- > AP01 - IP door controller
- > AR41S-MF - Mifare classic and DESfire reader with OLED display and PIN



AP01M-1220

Siemens

Aliro IP access point (AP01P) + 12V PSU, metal cabinet

- > Aliro benefits from a flat system architecture that is simply comprised of single door access points (AP)
- > IP access points (AP) for one door without PSU
- > Aliro access points (AP) are quickly and easily networked via an Ethernet connection
- > Connection for reader in and reader out
- > Local anti pass back - hard, soft or timed
- > Can also offer RS485 connections
- > Reader connections are OSDP, clock/data or wiegand
- > Capacity for 10,000 users and 100,000 cards stored locally
- > Configurable inputs and outputs - 4 inputs and 6 outputs
- > Can work offline with up to 8000 events stored locally



AP11M-12

Siemens

AP01M-1220 access point + AR11S-MF card reader

> Easier and more economical way of buying an Aliro system

Kit contains

- > AP01M-1220 - IP door controller with 12v 2A PSU in metal cabinet
- > AR11S-MF - Mifare classic and DESfire reader

SIEMENS

ALIRO
How it works...



AP41M-12

Siemens

AP01M-1220 access point + AR41S-MF card reader with keypad

> Easier and more economical way of buying an Aliro system

Kit contains

- > AP01M-1220 - IP door controller with 12v 2A PSU in metal cabinet
- > AR41S-MF - Mifare classic and DESfire reader with OLED display and PIN



SIEMENS



SIEMENS

Enter a new era
of opportunity...

Opens doors to easy installation

Aliro – IP access control – not complication



When you're installing IP Access Control the last thing you need is anything that slows you down or trips you up. Time, after all, is money. That's why we've made Aliro as simple to set-up as it is to specify – so you can get in, get everything done, and get straight onto the next job.

Its display panel walks you through every installation, each Access Point is pre-configured out of the box, and plug-and-play makes every single set-up straightforward.

A one-door, one-controller, system with Ethernet and RS485 connections for flexibility, and web based software for easy administration – Aliro is new, sophisticated and secure. And loved by end users.

Aliro – Your way in

www.aliro-opens-doors.com

Software

Part Number

Description

Features



Siemens

Web based software for 512 doors and 10,000 users, 100 clients and photo ID install once and access the system from any device with an authorised web browser

- > System controlled via web browser with 11 different languages
- > Operates on Windows 7,8, Server 2008, 2012 (SQL)
- > Multi screen tiled display
- > Support for 100 concurrent workstations
- > Quick to use Intuitive guided tasks
- > Full photo ID package - unlimited templates
- > Role based operator account management
- > Flexible access group assignment
- > Custom card holder fields
- > Role based smart reporting
- > Logical input / output programming

Aliro-SW

Accessories



Paxton

Net2Air Bridges

- > Wireless bridge from Net2 to wireless control units
- > Plugs into the existing LAN/WAN
- > Multiple Ethernet bridges can be placed around a site
- > Gives more flexibility on installing wireless control units
- > Power over Ethernet (PoE)

PAX-477-901

Ethernet, PoE, plastic housing

PAX-477-384

Ethernet, PoE





Paxton

PaxLock cover plate - Set of 2

- > Can be fitted in minutes
- > Cover plates enable existing sites to retrofit Net2 PaxLock
- > Save the cost of replacing a door

PAX-901-060

Keypads, Cards & Card Programming

Part Number	Description	Features
 PAX-355-110 PAX-375-110 PAX-375-120	Paxton Proximity KP Series Keypads Proximity keypad - KP50 Proximity keypad - KP75 Proximity keypad - KP75, screw connector	<ul style="list-style-type: none"> > Use with Switch2 or Net2 > Keypad and proximity reader all in one > Read range up to 100mm with PROXIMITY cards > Easy mounting > Supplied with a choice of black or white bezels > Low profile - less than 16mm deep > 2 sizes
 PAX-331-110 PAX-351-110 PAX-371-110 PAX-371-120	Paxton TOUCHLOCK K Series Keypads Keypad - K38 Keypad - K50 Keypad - K75 Keypad - K75, screw connector	<ul style="list-style-type: none"> > Use with Switch2 or Net2 > Backlit keypad > Supplied with a choice of black or white bezels > 3 sizes > Low profile-less than 16mm deep > Easy mounting
 PAX-332-110 PAX-352-110 PAX-372-110 PAX-372-120	Paxton TOUCHLOCK K Series Stainless Steel Keypads Stainless steel keypad - K38 Stainless steel keypad - K50 Stainless steel keypad - K75 Stainless steel keypad - K75, screw connector	<ul style="list-style-type: none"> > Use with Switch2 or Net2 > Robust stainless steel construction > 3 sizes > Low profile - less than 16mm deep > Easy mounting
 PAX-521-715	Paxton TOUCHLOCK Vandal Resistant Metal Keypad	<ul style="list-style-type: none"> > Use with Switch2 or Net2 > Vandal resistant design > Robust metal construction > Security fixing screws > Backlit keypad > IPX7 rated - suitable for external use

Keypads, Cards & Card Programming



Part Number

Description

Features



Paxton

Net2 Proximity ISO Cards
Without Magstripe

- > Each token is uniquely encoded

PAX-692-500

Pack of 10

PAX-692-052

Pack of 500



Paxton

Net2 Proximity ISO Cards
With Magstripe

- > For use with CARDLOCK readers
- > Each token is uniquely encoded

PAX-692-448

Pack of 10

PAX-692-053

Pack of 500



Paxton

Net2 Proximity Keyfobs

- > Keyfobs have a lifetime guarantee
- > Each token is uniquely encoded

PAX-695-644

Pack of 10



Paxton

Net2 Handsfree Keyfob

- > Each token is uniquely encoded
- > Compatible with Net2Air wireless technology
- > Works as standard token with non-handsfree readers
- > Keyfobs have a lifetime guarantee

PAX-690-222



Paxton






Net2 Proximity Self Adhesive Disc

- > Each token is uniquely encoded
- > Cost effective
- > Attaches to any object to turn it into a proximity token

PAX-660-100

Pack of 10

Keypads, Cards & Card Programming

Part Number	Description	Features
 ABP51000-BL	Siemens Blank 1K Mifare cards (pack of 10)	<ul style="list-style-type: none"> > This is a pack of 10 blank, printable Mifare Classic 1k ISO cards. They are suitable for use with Aliro utilising the AR11 and AR41 readers
 S54515-Z102-A200	Siemens IB43-DesFire blank Mifare cards (pack of 10)	<ul style="list-style-type: none"> > This is a pack of 10 blank, printable Desfire ISO cards. They are suitable for use with Aliro utilising the AR11 and AR41 readers
 S54515-Z103-A100	Siemens Heavy-duty Mifare DESFire tags	<ul style="list-style-type: none"> > This is a pack of 10, heavy duty DESFire 4k tags. They are suitable for use with all SiPass SmartCard Readers. No card number printed on the tag
 S54515-Z104-A100	Siemens Keyring Mifare DESFire tags	<ul style="list-style-type: none"> > This is a pack of 10, Mifare DESFire 1k tags. They are suitable for use with all SiPass SmartCard readers. No card number printed on the tag
 PAX-514-326	Paxton Net2 Desktop Reader	<ul style="list-style-type: none"> > Desktop readers to add tokens to the system > Add tokens quickly and accurately > Easily find the owner of a lost token > Simple USB connection > Proximity and proximity/magstripe versions available > PAX-514-326 reads Net2 & Mifare tokens
PAX-350-910	Proximity and magstripe	

Locks & Accessories

Part Number	Description	Features
 PAX-336-310 PAX-356-310 PAX-376-310 PAX-376-320	Paxton E Series Exit Buttons	<ul style="list-style-type: none"> > Robust exit buttons > 3 sizes available > E series complements P series proximity readers and K series keypads
	Exit Button - E38	
	Exit Button - E50	
	Exit Button - E75	
	Exit Button - E75, Screw connector	
 PAX-593-721 PAX-593-731	Paxton Marine Exit Buttons	<ul style="list-style-type: none"> > Robust exit buttons > Stylish exit button complements proximity marine readers > Marine exit button uses a touch sensor
	Marine Exit Button	
	Marine Exit Button - Chrome	
 AEB1NR AEB8 AEB2 AEB6/F AEB30 AEB25 AEBBOX	Securefast Exit Buttons	<ul style="list-style-type: none"> > Suitable for high or low traffic doors > Surface box available for AEB2, AEB6/F and AEB30
	Plastic surface mount low traffic press to exit button	
	Plastic surface mount architrave low traffic press to exit button	
	Flush stainless steel vandal resistant N/O. N/C press to exit button	
	Green dome flush heavy duty press to exit button	
	Flush stainless steel illuminated touch to exit button with green to go indicator light	
	Surface mount architrave press to exit button - weather resistant IP66	
	Stainless steel surface box housing for (AEB2 / AEB6/F / AEB30)	

Locks & Accessories

Part Number	Description	Features
 AEM10001 AEM10002 AEM10003 AEM10004	Securefast Slimline Face to Face Locks Electro Magnetic Locks	<ul style="list-style-type: none"> > Easy to Install (No moving parts) > Holding force up to 600lbs > Dual voltage - 12/24V DC > Suitable for single or double doors > Safety screws installed to prevent the lock body coming away from the fixing plate > CE Marked > Current draw - 12V DC 500ma / 24V DC 250ma > Suitable for outward opening doors or inward opening with optional Z&L brackets
	Slimline / mini magnet 12/24V DC - unmonitored	
	Slimline / mini magnet 12/24V DC - monitored	
	Double slimline magnetic lock 12/24V DC - unmonitored	
	Double slimline magnetic lock 12/24V DC - monitored	
 AEM10010 AEM10020 AEM10060 AEM10040	Securefast Standard Surface Face to Face Electro Magnetic Locks	<ul style="list-style-type: none"> > Easy to Install (No moving parts) > Holding force up to 1200lbs > Dual voltage - 12/24V DC > Suitable for single or double doors > Safety screws installed to prevent the lock body coming away from the fixing plate > CE marked > Current draw - 12V DC 500ma / 24V DC 250ma > Suitable for outward opening doors or inward opening with optional Z&L brackets
	Standard magnetic lock 12/24V DC - unmonitored	
	Standard magnetic lock 12/24V DC - monitored	
	Double standard magnetic lock 12/24V DC - unmonitored	
	Double standard magnetic lock 12/24V DC - monitored	
 AEMBR008 AEMBR089 AEMBR018 AEMBR006 AEMBR026 AEMBR016 AEMBR185	Securefast Magnet Brackets For Inward and Outward Opening Doors	<ul style="list-style-type: none"> > Please note two sets of brackets are required for double doors > Z&L brackets are available for inward opening doors
	Slimline "L" bracket for outward opening doors	
	Slimline "Z&L" bracket for inward opening doors	
	Surface armature plate housing for slimline magnetic locks	
	Standard "L" bracket for outward opening doors	
	Standard "Z&L" bracket for inward opening doors	
	Surface armature plate housing for standard magnetic locks	
	Glass fixing armature plate bracket for slimline & standard magnetic locks	

Locks & Accessories

Part Number

Description

Features



Securefast

Architectural Brackets For Inward & Outward Opening Doors

AMH590/LA

Slimline architectural "L" bracket for outward opening doors

> Architectural brackets offer a more aesthetically pleasing installation for inward or outward opening doors

AMH590/ZA

Slimline architectural "Z&L" bracket for inward opening doors

AMH595/LA

Standard architectural "L" bracket for outward opening doors

AMH595/ZA

Standard architectural "Z&L" bracket for inward opening doors



Securefast

Slimline Transom Magnetic Locks

AMG202/UM

1 Metre transom housing with a single magnetic locks 12/24V DC - unmonitored

AMG202/AT

1 Metre transom housing with a single magnetic locks 12/24V DC - monitored

AMG207/UM

2 Metre transom housing with two magnetic locks 12/24V DC - unmonitored

AMG207/AT

2 Metre transom housing with two magnetic locks 12/24V DC - monitored

AMH592/L1

1 Metre "L" bracket for outward opening doors

AMH592/L2

2 Metre "L" bracket for outward opening doors



Securefast

Standard Transom Magnetic Locks

AMG211/AT

1 Metre transom housing with a single magnetic locks 12/24V DC - monitored

AMG215/AT

2 Metre transom housing with two magnetic locks 12/24V DC - monitored



Deedlock
Electromagnetic
Locks - Spec Sheet

- > Easy to install (No moving parts)
- > Low maintenance
- > Dual voltage 12/24V DC
- > Up to 600lbs holding force
- > Suitable for single or double doors

- > Easy to Install (No moving parts)
- > Low maintenance
- > Dual voltage 12 / 24V DC
- > Up to 1200lbs holding force

Locks & Accessories




Part Number	Description	Features
	Securefast Shear Magnets	<ul style="list-style-type: none"> > For single or double action doors > Dual Voltage 12 / 24V DC > Monitored > CE Marked > Up to 2640lbs holding force
	FTSEMS1200M Mortice compact magnetic shearlock 12/24V DC - monitored	
	FTSEMS1200S Surface compact magnetic shearlock 12/24V DC - monitored	
	Securefast Gate Locks	<ul style="list-style-type: none"> > Weatherproof for external applications > Dual voltage 12 / 24V DC > Suitable for outward opening gates or inward opening when used with "Z" brackets > Standard gate mag holding force up to 1200lbs > Slimline gate mag holding force up to 600lbs
	AEMGATE/F/S Standard external gate magnetic lock 12/24V DC face & side fix - monitored	
	AEM/MINIGATE/F/S Slimline external gate magnetic lock 12/24V DC face & side fix - monitored	
	AEMBR046 Standard "Z" bracket for inward opening gates	
	AEMBR056 Slimline "Z" bracket for inward opening gates	
	Securefast Rim Electric Strike c/w Mortice Plate For Low Traffic Doors	<ul style="list-style-type: none"> > Suitable for low traffic doors > Ideal for use to keep a door secured with door entry or access control applications > Fail locked or fail unlocked versions available > Rim strikes come with a mortice plate as standard
	ADCN203+S Rim strike with mortice plate 12V AC/DC - fail locked	
	ADCN203-412+S Rim strike with mortice plate 12V DC - fail locked	
	ADCN203-512+S Rim strike with mortice plate 12V DC - fail unlocked	

Locks & Accessories



Part Number	Description	Features
 AH111	Securefast ANSI mortice and rim electric strikes for medium traffic doors	
	ANSI style 12/24V DC - fail locked/unlocked (Comes with a long and short face plate) unmonitored	<ul style="list-style-type: none"> > Ideal for medium security doors > Dual voltage 12/24V DC (Except AH111M & AH113 - 12v DC only) > Comes with a short and long face plate > Strikes are reversible (Fail locked / fail unlocked) > Ideal for use with electronic access control applications
	ANSI style 12V DC - fail locked/unlocked (comes with a long and short face plate) monitored	
AH111M		
AH113	Surface mount electric strike 12V DC fail locked / unlocked, unmonitored, inward opening doors only	
 AL111AS	Securefast High Security Strikes	
	Alpro mortice short face plate electric strike 12/24V DC. Fail locked / unlocked - unmonitored	<ul style="list-style-type: none"> > 5 year warranty > Dual voltage 12/24V DC > CE marked > Weather resistant - IP56 > Monitored versions available > Ideal for use with electronic access control applications
	Alpro mortice long face plate electric strike 12/24V DC. Fail locked / unlocked - unmonitored	
	Alpro heavy duty mortice electric strike 12/24V DC - dual monitored	
AL111BS		
AL2001		
 AER134	Securefast Solenoid Bolts	
	Deedlock mortice solenoid bolt 12V DC. Fail unlocked - dual monitored	<ul style="list-style-type: none"> > Suitable for single or double action doors > AER134 can be surface mounted when used with AER134H housing > Monitored as standard > Auto relock time, 0,3,6 or 9 seconds (AER180) > Face plate width - AER134 38mm > Face plate width - AER180 25mm
	Deedlock slimline mortice solenoid bolt 12V DC. Fail unlocked - dual monitored	
AER180		
AER134H	Deedlock AER134 surface housing set for timber doors	

Locks & Accessories

Part Number	Description	Features
 AEBKS	Securefast Key switch	<ul style="list-style-type: none"> > Suitable for switching up to 2 amp at 12-24v DC > Ideal for override of electric strikes or magnetic locks > Can be surface mounted using AEBBOX
	Deedlock flush stainless steel maintained two position key switch. Comes with 2 keys	
FATE660-1	Deedlock flush stainless steel momentary key switch. Comes with 2 Keys	
 ALP101	Securefast Door Loops	<ul style="list-style-type: none"> > Transfers cable from a door frame to a door > ALP101 is ideal when transferring current to an electric mortice lock
	Concealed door loop for timber frame doors	
ALP103	Surface mount budget door loop	
ALP135	Surface mount armored door loop	
 AKA-MCP3A-GF	Securefast Emergency Call Points	<ul style="list-style-type: none"> > Surface mount green single or double pole call points > To be used with electromagnetic locks and fail unlock electric strikes > Easily reset with test key (No glass panel to replace)
	KAC MCP green resettable call point, single pole, surface	
	KAC MCP green emergency resettable call point, double pole comes with surface box	
	KAC transparent hinged cover for MCP call point	
AKA-MCP4A-GF		
AKA-PS200		



SIEMENS



Access control that keeps you in touch

Aliro – IP access control – not complication



For too long, Access Control meant anything but control. It meant complex software, special training, even dedicated staff. When it really should have meant simple, straightforward security that anyone can use.





That's why we gave Aliro an elegant mobile app – to put Access Control back where it belongs, in your hands. So you don't need to be on site to know what's happening – and so you can easily control your security from any internet connected device. Anywhere you are.

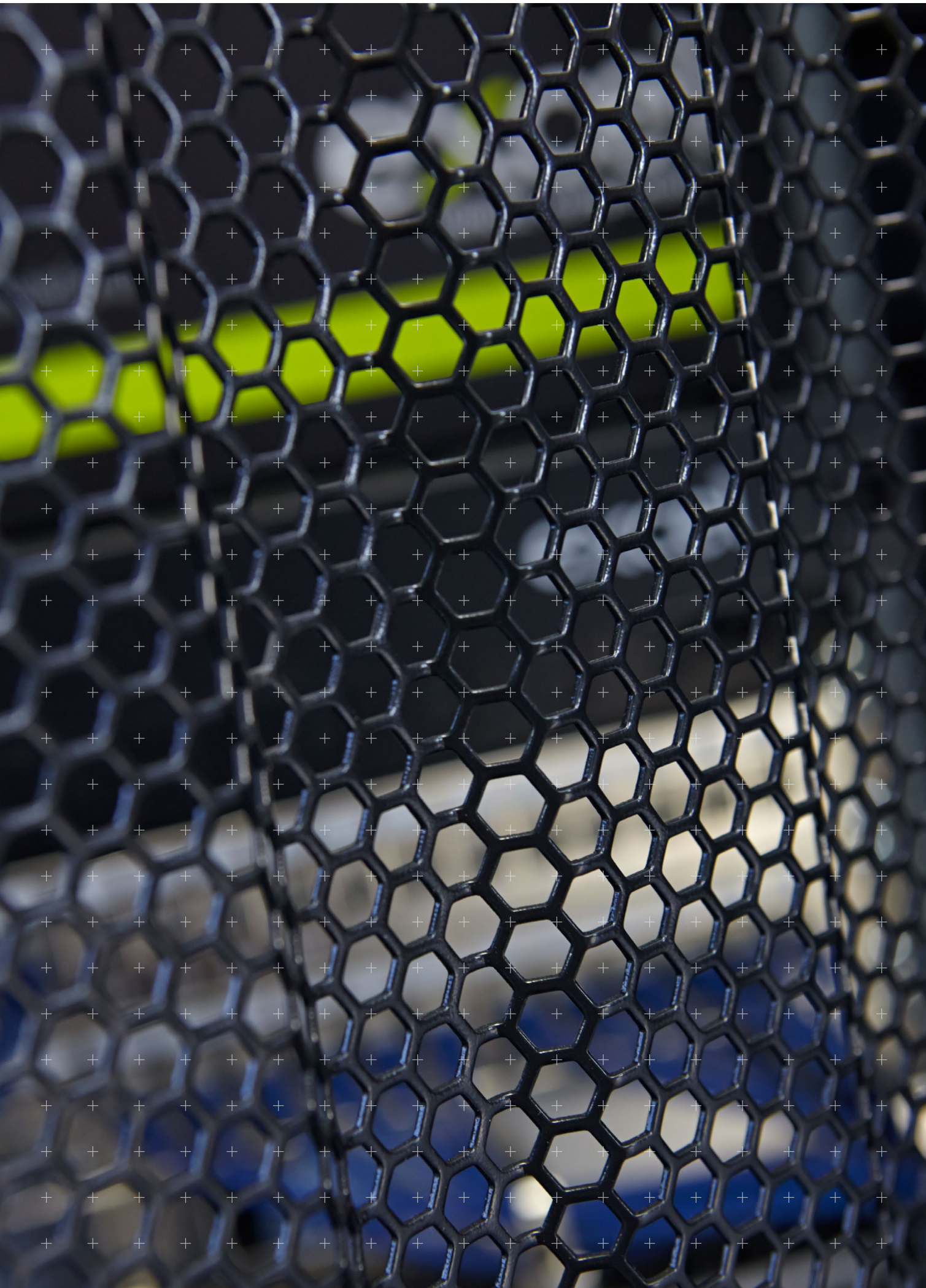
Making access control management as easy as opening a door.

Aliro – Your way in

www.aliro-opens-doors.com

Locks & Accessories

Part Number	Description	Features
 APX-16	Securefast Stand Alone Keypad	<ul style="list-style-type: none"> > APX-16 - vandal resistant keypad with back lit buttons > 12V AC/DC & 24V DC > 1200 user codes
	Deedlock slimline standalone keypad, 1200 users, 12 AC/DC & 24V DC, IP68 rated	<ul style="list-style-type: none"> > Weather resistant - IP68 > APX-15 - stand alone internal keypad 12VDC > 250 user codes > APX-16/PROX - vandal resistant key pad with proximity function > Comes with 10 proximity cards > 1200 user codes or cards > 12V AC/DC & 24V DC
	APX-15 Internal stand alone keypad, 12V AC/DC, 250 user codes	
	APX-16 / PROX Deedlock slimline standalone keypad and proximity reader, 1200 users, 12V AC/DC & 24V DC IP68 rated comes with 10 x ISO PROX cards	
APX16CARD	Additional proximity cards for APX-16/PROX	
 MK-814	Siemens Request to exit switch	<ul style="list-style-type: none"> > Exit button > White plastic
 EB657-S	Siemens Request to exit switch	<ul style="list-style-type: none"> > Raised green exit button > Stainless steel
 NP7-12	Siemens 12 V / 7.2 Ah accumulator (for use with 12v PSU)	<ul style="list-style-type: none"> > Valve regulated acid battery equipped with a low pressure venting system ensures safe operation.






ENVIRON - A Solution for Every Requirement

The Excel range of racks is extensive and we believe that we've got a quality solution to meet every installation requirement. To help you pick the product that's right for your requirement we've highlighted the key features and benefits below:

excel
without compromise.

**CLICK HERE FOR
ENVIRON
CONFIGURATOR**



Key Features	 Comms Rack	 Equipment Rack	 Wall Rack
U Size	15U 20U 24U 29U 33U 42U 47U	29U 42U 47U	6U 9U 12U 15U 18U 21U
Available Widths	600 mm 800 mm	600 mm 800 mm	600 mm
Available Depths	600 mm 800 mm 1000 mm	600 mm 800 mm 1000 mm	390 mm 500 mm 600 mm
Load Capacity	600 kg	600 kg	63 kg - 390 60 kg - 500 60 kg - 600
Colour	Grey White Black	Grey White Black	Grey White Black
19" Profiles	Front & Rear	Front & Rear	Front & Rear
1U height markings	4	4	4
19" Profiles - adjustable position	4	4	4
Quick release doors	4	4	4
Swing lock handle on front door	4	4	4
Multi-point locks			
Front door	Glass	Wave Vented full width	Glass
Rear door	Single steel	Double vented	
Removable side panels	4	4	4
150 mm Cable Tray			
High capacity vertical cable management	800 mm width only	800 mm width only	
Jacking feet & load bearing castors as standard	4	4	
Available flat pack	4	4	4
Available from stock	4	4	4

Better SPACE

ER Range

Market leading flexibility thanks to our UK assembly facility, choice of colour, wide range of heights, footprints, and accessories, the Environ ER range is the perfect choice for the data, security, AV and telecom markets.

**Want to save
space, time
and money?**

Contact us
+44 (0) 121 326 7557
sales@excel-networking.com
www.excel-networking.com

excel
without compromise.

Racks

Environ CR 600 Series



Product Specification

Standard	ANSI/EIA-310-E - IEC 60297-2 - DIN 41494 Part 1 & 7
Material	SPCC Cold Rolled Steel
19" Rails	2.0 mm thick
Side Panels	1.0 mm thick
Other	1.2 mm thick
Colour	Grey White - RAL 9002 Black - RAL9004
Load capacity	600 kg (Static)
Front door lock	Single point cam lock swing handle
Rear door lock	Single point barrel lock
Side panels lock	Single point barrel lock

The Environ CR600 is a versatile range of 600 mm wide racks fitted with a glass front door. Designed to accommodate a load of up to 600 kg and available in a range of heights and depths they offer features that make them suitable for a wide range of applications in the data, security, audio visual and telecommunication arenas.

Features:

- > 15U to 47U high
- > 600, 800 or 1000 mm deep
- > Grey white or black colour
- > 600 kg load capacity
- > Range of socket styles
- > Can be bayed with or without side panels
- > Jacking feet included
- > Baying kit included
- > Large cut out in base for cable entry
- > Heavy duty lockable castors included
- > Jacking feet and castors can be fitted simultaneously
- > Multiple brush strip cable entry in roof and base
- > Aesthetically pleasing framed glass front door
- > Swing handle cam lock fitted to glass front door
- > Barrel lock fitted to steel rear door
- > Full height front and rear adjustable 19" profiles
- > Galvanised steel 19" mounting profiles
- > 19" profiles marked with U height position
- > Supplied assembled or flat pack
- > Removable side panels
- > Left or right hinge door



600 mm Deep Racks

U Size	Width	Depth	Overall Height	Grey White	Black
15U	600 mm	600 mm	870 mm	542-1566-GSBN-GW	542-1566-GSBN-BK
20U	600 mm	600 mm	1090 mm	542-2066-GSBN-GW	542-2066-GSBN-BK
24U	600 mm	600 mm	1270 mm	542-2466-GSBN-GW	542-2466-GSBN-BK
29U	600 mm	600 mm	1490 mm	542-2966-GSBN-GW	542-2966-GSBN-BK
33U	600 mm	600 mm	1670 mm	542-3366-GSBN-GW	542-3366-GSBN-BK
42U	600 mm	600 mm	2070 mm	542-4266-GSBN-GW	542-4266-GSBN-BK
47U	600 mm	600 mm	2207 mm	542-4766-GSBN-GW	542-4766-GSBN-BK

800 mm Deep Racks

U Size	Width	Depth	Overall Height	Grey White	Black
24U	600 mm	800 mm	1270 mm	542-2468-GSBN-GW	542-2468-GSBN-BK
29U	600 mm	800 mm	1490 mm	542-2968-GSBN-GW	542-2968-GSBN-BK
33U	600 mm	800 mm	1670 mm	542-3368-GSBN-GW	542-3368-GSBN-BK
42U	600 mm	800 mm	2070 mm	542-4268-GSBN-GW	542-4268-GSBN-BK
47U	600 mm	800 mm	2207 mm	542-4768-GSBN-GW	542-4768-GSBN-BK

1000 mm Deep Racks

U Size	Width	Depth	Overall Height	Grey White	Black
29U	600 mm	1000 mm	1490 mm	542-29610-GSBN-GW	542-29610-GSBN-BK
33U	600 mm	1000 mm	1670 mm	542-33610-GSBN-GW	542-33610-GSBN-BK
42U	600 mm	1000 mm	2070 mm	542-42610-GSBN-GW	542-42610-GSBN-BK
47U	600 mm	1000 mm	2207 mm	542-47610-GSBN-GW	542-47610-GSBN-BK



The Environ CR800 is a versatile range of 800 mm wide racks fitted with a glass front door. Designed to accommodate a load of up to 600 kg and available in a range of heights and depths they offer features that make them suitable for a wide range of applications in the data, security, audio visual and telecommunication arenas.

Features:

- > 24U to 47U high
- > 600, 800 or 1000 mm deep
- > Grey white or black colour
- > 600 kg load capacity
- > Can be bayed with or without side panels
- > Jacking feet included
- > Baying kit included
- > Large cut out in base for cable entry
- > Heavy duty lockable castors included
- > Jacking feet and castors can be fitted simultaneously
- > Multiple brush strip cable entry in roof and base
- > Aesthetically pleasing framed glass front door
- > Swing handle cam lock fitted to glass front door
- > Barrel lock fitted to steel rear door
- > Full height front and rear adjustable 19" profiles
- > Galvanised steel 19" mounting profiles
- > 19" profiles marked with U height position
- > Supplied assembled or flat pack
- > Removable side panels
- > Left or right hinge door



600 mm Deep Racks

U Size	Width	Depth	Overall Height	Grey White	Black
24U	800 mm	600 mm	1270 mm	542-2486-GSBF-GW	542-2486-GSBF-BK
29U	800 mm	600 mm	1490 mm	542-2986-GSBF-GW	542-2986-GSBF-BK
33U	800 mm	600 mm	1670 mm	542-3386-GSBF-GW	542-3386-GSBF-BK
42U	800 mm	600 mm	2070 mm	542-4286-GSBF-GW	542-4286-GSBF-BK
47U	800 mm	600 mm	2207 mm	542-4786-GSBF-GW	542-4786-GSBF-BK

800 mm Deep Racks

U Size	Width	Depth	Overall Height	Grey White	Black
24U	800 mm	800 mm	1270 mm	542-2488-GSBF-GW	542-2488-GSBF-BK
29U	800 mm	800 mm	1490 mm	542-2988-GSBF-GW	542-2988-GSBF-BK
33U	800 mm	800 mm	1670 mm	542-3388-GSBF-GW	542-3388-GSBF-BK
42U	800 mm	800 mm	2070 mm	542-4288-GSBF-GW	542-4288-GSBF-BK
47U	800 mm	800 mm	2207 mm	542-4788-GSBF-GW	542-4788-GSBF-BK

1000 mm Deep Racks

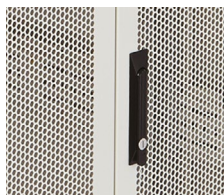
U Size	Width	Depth	Overall Height	Grey White	Black
29U	800 mm	1000 mm	1490 mm	542-29810-GSBF-GW	542-29810-GSBF-BK
33U	800 mm	1000 mm	1670 mm	542-33810-GSBF-GW	542-33810-GSBF-BK
42U	800 mm	1000 mm	2070 mm	542-42810-GSBF-GW	542-42810-GSBF-BK
47U	800 mm	1000 mm	2207 mm	542-47810-GSBF-GW	542-47810-GSBF-BK

Product Specification

Standard	ANSI/EIA-310-E - IEC 60297-2 - DIN 41494 Part 1 & 7
Material	SPCC Cold Rolled Steel
19" Rails	2.0 mm thick
Side Panels	1.0 mm thick
Other	1.2 mm thick
Colour	Grey White - RAL 9002 Black - RAL9004
Load capacity	600 kg (Static)
Front door lock	Single point cam lock swing handle
Rear door lock	Single point barrel lock
Side panels lock	Single point barrel lock

Racks

Environ ER 600 Series



Product Specification

Standard	ANSI/EIA-310-E - IEC 60297-2 - DIN 41494 Part 1 & 7
Material	SPCC Cold Rolled Steel
19" Rails	2.0 mm thick
Side Panels	1.0 mm thick
Other	1.2 mm thick
Colour	Grey White - RAL 9002 Black - RAL9004
Load capacity	600 kg (Static)
Front door lock	2 point swing handle cam lock
Rear door lock	3 point swing handle cam lock
Side panels lock	Single point barrel lock

The Environ ER600 is a versatile range of 600 mm wide racks fitted with a wave design mesh front door and wardrobe style double mesh rear doors. Designed to accommodate a load of up to 600 kg and available in a range of heights and depths they offer features that make them suitable for a wide range of applications in the data, security, audio visual and telecommunication arenas.

Features:

- > Available in 29U, 42U and 47U heights
- > Baying kit included
- > 600, 800 or 1000 mm deep
- > Can be bayed with or without side panels
- > Grey white or black colour
- > 600 kg load capacity
- > Jacking feet included
- > Large cut out in base for cable entry
- > Heavy duty lockable castors included
- > Multiple brush strip cable entry in roof and base
- > Wave design mesh front door
- > Jacking feet and castors can be fitted simultaneously
- > Swing handle 2 point lock fitted to front door
- > Swing handle 3 point lock fitted to rear doors
- > Wardrobe style double mesh rear doors
- > 70% ventilation front and rear doors
- > Full height front and rear adjustable 19" profiles
- > Galvanised steel 19" mounting profiles
- > Supplied assembled or flat pack
- > 19" profile depth markings for easy adjustment
- > 19" profiles marked with U height position
- > Removable side panels
- > Left or right hinge full door



600 mm Deep Racks

U Size	Width	Depth	Overall Height	Grey White	Black
29U	600 mm	600 mm	1490 mm	542-2966-WDBN-GW	542-2966-WDBN-BK
42U	600 mm	600 mm	2070 mm	542-4266-WDBN-GW	542-4266-WDBN-BK
47U	600 mm	600 mm	2207 mm	542-4766-WDBN-GW	542-4766-WDBN-BK

800 mm Deep Racks

U Size	Width	Depth	Overall Height	Grey White	Black
29U	600 mm	800 mm	1490 mm	542-2968-WDBN-GW	542-2968-WDBN-BK
42U	600 mm	800 mm	2070 mm	542-4268-WDBN-GW	542-4268-WDBN-BK
47U	600 mm	800 mm	2207 mm	542-4768-WDBN-GW	542-4768-WDBN-BK

1000 mm Deep Racks

U Size	Width	Depth	Overall Height	Grey White	Black
29U	600 mm	1000 mm	1490 mm	542-29610-WDBN-GW	542-29610-WDBN-BK
42U	600 mm	1000 mm	2070 mm	542-42610-WDBN-GW	542-42610-WDBN-BK
47U	600 mm	1000 mm	2207 mm	542-47610-WDBN-GW	542-47610-WDBN-BK



Product Specification

Standard	ANSI/EIA-310-E - IEC 60297-2 - DIN 41494 Part 1 & 7
Material	SPCC Cold Rolled Steel
19" Rails	2.0 mm thick
Side Panels	1.0 mm thick
Other	1.2 mm thick
Colour	Grey White - RAL 9002 Black - RAL9004
Load capacity	600 kg (Static)
Front door lock	2 point swing handle cam lock
Rear door lock	3 point swing handle cam lock
Side panels lock	Single point barrel lock

The Environ ER800 is a versatile range of 800 mm wide racks fitted with a wave design mesh front door and wardrobe style double mesh rear doors. Designed to accommodate a load of up to 600 kg and available in a range of heights and depths they offer features that make this rack suitable for a wide range of applications in the data, security, audio visual and telecommunication arenas.

Features:

- > Available in 29U, 42U and 47U heights
- > Baying kit included
- > 600, 800 or 1000 mm deep
- > Can be bayed with or without side panels
- > Grey white or black colour
- > 600 kg load capacity
- > Jacking feet included
- > Large cut out in base for cable entry
- > Heavy duty lockable castors included
- > Multiple brush strip cable entry in roof and base
- > Wave design mesh front door
- > Jacking feet and castors can be fitted simultaneously
- > Swing handle 2 point lock fitted to front door
- > Swing handle 3 point lock fitted to rear doors
- > Wardrobe style double mesh rear doors
- > 70% ventilation front and rear doors
- > Full height front and rear adjustable 19" profiles
- > Galvanised steel 19" mounting profiles
- > Supplied assembled or flat pack
- > 19" profile depth markings for easy adjustment
- > 19" profiles marked with U height position High density vertical cable management
- > Removable side panels
- > Left or right hinge full door



600 mm Deep Racks

U Size	Width	Depth	Overall Height	Grey White	Black
29U	800 mm	600 mm	1490 mm	542-2986-WDBF-GW	542-2986-WDBF-BK
42U	800 mm	600 mm	2070 mm	542-4286-WDBF-GW	542-4286-WDBF-BK
47U	800 mm	600 mm	2207 mm	542-4786-WDBF-GW	542-4786-WDBF-BK

800 mm Deep Racks

U Size	Width	Depth	Overall Height	Grey White	Black
29U	600 mm	800 mm	1490 mm	542-2988-WDBF-GW	542-2988-WDBF-BK
42U	600 mm	800 mm	2070 mm	542-4288-WDBF-GW	542-4288-WDBF-BK
47U	600 mm	800 mm	2207 mm	542-4788-WDBF-GW	542-4788-WDBF-BK

1000 mm Deep Racks

U Size	Width	Depth	Overall Height	Grey White	Black
29U	600 mm	1000 mm	1490 mm	542-29810-WDBF-GW	542-29810-WDBF-BK
42U	600 mm	1000 mm	2070 mm	542-42810-WDBF-GW	542-42810-WDBF-BK
47U	600 mm	1000 mm	2207 mm	542-47810-WDBF-GW	542-47810-WDBF-BK

Racks

Environ WR Series



Product Specification

Material Thickness	
Rack Part	
Frame	1.20mm
Top cover and fan entry plate	1.20 mm
19" mounting angles	1.50 mm
Side panels	1.20mm
Front door frame	1.20mm
Front door glass	5.00mm

Environ wall mounted racks are available in a choice of 390mm, 500mm and 600mm depths. They are designed for the installation of both cabling and equipment and are ideal for use across a range of applications including local area networking (LAN) cabling and hardware, and the housing of security, audio and visual equipment. A full range of Excel accessories are available to complete cable or equipment installation from shelving through to ventilation and power distribution units.

Features:

- > Choice of 390mm, 500mm and 600mm depths
- > Available in 6 heights, 6U, 9U, 12U, 15U, 18U and 21U
- > Available in grey and black
- > Aesthetically pleasing framed safety glass front door
- > Load carrying capacity 63kg on 390mm and 60kg on 500mm and 600mm depths
- > Quick release doors
- > Lockable, quick release side panels for maximum access into rack
- > Angled vented roof
- > Fully adjustable front and rear 19" mounting profiles
- > Removable cable entry panel in top and base providing easy access to install cables and equipment.
NB. The back is not removable.
- > Available as a flat pack
- > First fix mounting plate included as standard



600 mm Deep Racks

U Size	Width	Depth	Overall Height	Part Number Grey	Part Number Grey Flat Pack	Part Number Black	Part Number Black Flat Pack
6U	600 mm	390 mm	368 mm	WB6.390SG	WBFP6.390SG	WB6.390SG-BK	WBFP6.390SGB
9U	600 mm	390 mm	501 mm	WB9.390SG	WBFP9.390SG	WB9.390SG-BK	WBFP9.390SGB
12U	600 mm	390 mm	635 mm	WB12.390SG	WBFP12.390SG	WB12.390SG-BK	WBFP12.390SGB
15U	600 mm	390 mm	769 mm	WB15.390SG	WBFP15.390SG	WB15.390SG-BK	WBFP15.390SGB
18U	600 mm	390 mm	901 mm	WB18.390SG	WBFP18.390SG	WB18.390SG-BK	WBFP18.390SGB
21U	600 mm	390 mm	1037 mm	WB21.390SG	WBFP21.390SG	WB21.390SG-BK	WBFP21.390SGB

800 mm Deep Racks

U Size	Width	Depth	Overall Height	Part Number Grey	Part Number Grey Flat Pack	Part Number Black	Part Number Black Flat Pack
6U	600 mm	500 mm	368 mm	WB6.5SG	WBFP6.5SG	WB6.5SGB	WBFP6.5SGB
9U	600 mm	500 mm	501 mm	WB9.5SG	WBFP9.5SG	WB9.5SGB	WBFP9.5SGB
12U	600 mm	500 mm	635 mm	WB12.5SG	WBFP12.5SG	WB12.5SGB	WBFP12.5SGB
15U	600 mm	500 mm	769 mm	WB15.5SG	WBFP15.5SG	WB15.5SGB	WBFP15.5SGB
18U	600 mm	500 mm	901 mm	WB18.5SG	WBFP18.5SG	WB18.5SGB	WBFP18.5SGB
21U	600 mm	500 mm	1037 mm	WB21.5SG	WBFP21.5SG	WB21.5SGB	WBFP21.5SGB

1000 mm Deep Racks

U Size	Width	Depth	Overall Height	Part Number Grey	Part Number Grey Flat Pack	Part Number Black	Part Number Black Flat Pack
6U	600 mm	600 mm	368 mm	WB6.6SG	WBFP6.6SG	WB6.6SGB	WBFP6.6SGB
9U	600 mm	600 mm	501 mm	WB9.6SG	WBFP9.6SG	WB9.6SGB	WBFP9.6SGB
12U	600 mm	600 mm	635 mm	WB12.6SG	WBFP12.6SG	WB12.6SGB	WBFP12.6SGB
15U	600 mm	600 mm	769 mm	WB15.6SG	WBFP15.6SG	WB15.6SGB	WBFP15.6SGB
18U	600 mm	600 mm	901 mm	WB18.6SG	WBFP18.6SG	WB18.6SGB	WBFP18.6SGB
21U	600 mm	600 mm	1037 mm	WB21.6SG	WBFP21.6SG	WB21.6SGB	WBFP21.6SGB

Part Number

Description






Cantilever Shelves

The cantilever shelves are mounted using one set of the 19" profiles offering flexibility of fitting.

Features:

- > Choice of depths
- > Grey White or Black
- > 10 kg load capacity

			Compatibility					
			 					
			CR	ER	Depth	WR Depth		
Grey White	Black	Shelf Depth	600	800	1000	390	500	600
542-020-GE	542-020-BK	190	✓	✓	✓	✓	✓	✓
542-021-GE	542-021-BK	400	✓	✓	✓		✓	✓

• All dimensions are in mm






Fixed Shelves

The fixed shelves are mounted using the front and rear 19" profiles.

Features

- > Choice of depths
- > Grey White or Black
- > Front and rear profile mounting
- > 80 kg load capacity

			Compatibility					
			 					
			CR	ER	Depth	WR Depth		
Grey White	Black	Mounting Depth	600	800	1000	390	500	600
542-022-GE	542-022-BK	350	✓	✓	✓			
542-023-GE	542-023-BK	550		✓	✓			
542-024-GE	542-024-BK	720			✓			

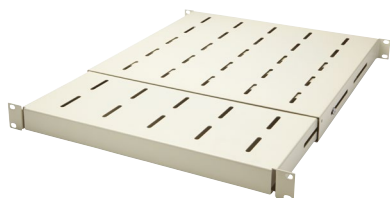
• All dimensions are in mm

Racks

Environ Shelves

Part Number

Description






Adjustable Shelf

The adjustable shelf is mounted using the front and rear 19" profiles. The shelf can be assembled to fit a range of depths of racks and allow flexibility when setting the 19" profile positions.

Features

- > Adjustable depth
- > Permits flexibility of 19" profile position
- > Grey White or Black
- > 80 kg load capacity
- > Front and rear profile mounting
- > 1U high

			Compatibility						
			 						
			CR ER Depth			WR Depth			
Grey White	Black	Depth	600	800	1000	390	500	600	
542-026-GE	542-026-BK	500-850		✓	✓				✓

- All dimensions are in mm






Sliding Shelves

The forward sliding shelves are mounted using the front and rear 19" profiles. The shelves can be assembled to fit a range of depths of racks and allow flexibility when setting the 19" profile positions.

Features:

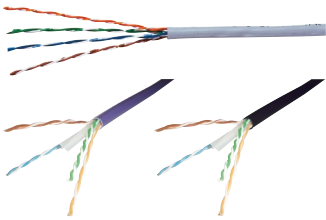
- > Sliding shelf
- > Adjustable depth fixings
- > Grey White or Black
- > 30 kg load capacity

			Compatibility						
			 						
			CR ER Depth			WR Depth			
Grey White	Black	Mounting Depth	Shelf Depth	600	800	1000	390	500	600
		Min Max							
542-027-GE	542-027-BK	375 660	350	✓	✓	✓			
542-028-GE	542-028-BK	605 855	563			✓			


- All dimensions are in mm

Cable - Copper, Fibre and Coax

Twisted Pair Copper

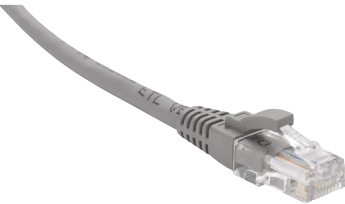
Part Number	Description	Features
	Excel	
100-065	Category 5e	> Unscreened (U/UTP) cable grey - 305 metres - Cat 5e
100-066	Category 5e	> Unscreened (U/UTP) cable - LSOH, violet, 305 metres - Cat 5e
100-057	Category 5e	> Unscreened (U/UTP) cable - LSOH, orange, 305 metres - Cat 5e
100-060	Category 5e	> Unscreened (U/UTP) cable - LSOH, white, 305 metres - Cat 5e
100-216	Category 5e	> Foil Screened (F/UTP) cable grey - 305 metres - Cat 5e
100-090	Category 5e	> External grade unscreened (U/UTP), unscreened cable black - 305 metres - Cat 5e
100-071	Category 6	> Unscreened (U/UTP) cable - LSOH violet - 305 metres - Cat 6
100-075	Category 6	> LSOH unscreened (U/UTP) cable - LSOH orange - 305 metres - Cat 6
100-074	Category 6	> LSOH unscreened (U/UTP) cable - LSOH white - 305 metres - Cat 6
100-100	Category 6	> External grade unscreened (U/UTP) cable black - 305 metres - Cat 6

Connecting Hardware

	Excel	
100-726	Category 5e	> Unscreened 24 port 1U RJ45 black patch panel - Cat 5e
100-728	Category 5e	> Unscreened 48 port 2U RJ45 black patch panel - Cat 5e
100-700	Category 5e	> Unscreened RJ45 white module - Cat 5e
100-304	Category 6	> Unscreened 24 port 1U RJ45 black patch panel - Cat 6
100-306	Category 6	> Unscreened 48 port 2U RJ45 black patch panel - Cat 6
100-300	Category 6	> Unscreened RJ45 white module - Cat 6
100-712	Mounting Equipment	> Single gang bevelled plate without blanks - white
100-716	Mounting Equipment	> Double gang bevelled plate without blanks - white


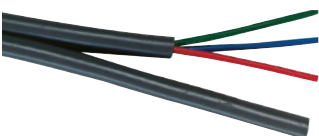
Cable - Copper, Fibre and Coax

Patch Leads

Part Number	Description	Features
	Excel	
	Category 5e	> Unscreened U/UTP booted patch lead LSOH - 1 metre grey - Cat5e
	Category 5e	> Unscreened U/UTP booted patch lead LSOH - 5 metre grey - Cat5e
	Category 5e	> Unscreened U/UTP booted patch lead LSOH - 10 metre grey - Cat5e
	Category 6	> Unscreened U/UTP booted patch lead LSOH - 1 metre grey - Cat6
	Category 6	> Unscreened U/UTP booted patch lead LSOH - 5 metre grey - Cat6
	Category 6	> Unscreened U/UTP booted patch lead LSOH - 10 metre grey - Cat6

Other colours and lengths are available from stock

Coax

Part Number	Description	Features
 	Excel	
	Coax	> 75 Ohm black coax, 200 metre reel
	Coax	> 75 Ohm white coax + 0.75mm 2 core mains, 100 metre reel
	Coax	> 75 Ohm grey coax + 0.5mm 3 core mains, 200 metre reel
	Coax	> 75 Ohm black RG11A/U coax, 200 metre reel
	Coax	> 75 Ohm black RG59B/U coax, 100 metre reel
	Coax	> BNC crimp plug to suit RG59/URM70
	Coax	> BNC quick fit crimp plug to suit RG59/URM70
600-090	Coax	> BNC adaptor jack - jack



PackedSPACE

High Performance, High Bandwidth

Excel MTP Pre-Terminated fibre solutions offer next generation fibre optic systems. Achieve market leading performance through the use, as standard, of the US Conec Elite low loss connectors for ultimate long distance video surveillance cabling infrastructures.

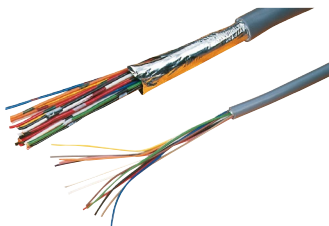
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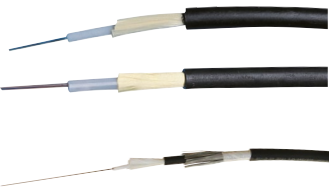
Cable - Copper, Fibre and Coax

Multicore & Multipair Cables

Part Number	Description	Features	
	Excel Multicore Cable	> Overall foil screened grey 4 core cable - 500 metre reel	
	2404COFV (9534)*		
	2408COFV (9538)*	Multicore Cable	> Overall Foil screened grey 8 core cable - 500 metre reel
	2408COFV-100 (9538)*	Multicore Cable	> Overall foil screened grey 8 core cable - 100 metre reel
	2404POFV (9504)*	Multipair Cable	> Overall foil screened grey 4 pair cable - 500 metre reel
	2202PIFPP (8273)*	Multipair Cable	> Individually foil screened grey 2 Pair Cable - internal - 500 metre reel
	2202PIFPE (8723)*	Multipair Cable	> Individually foil screened grey 2 pair cable - external - 500 metre reel
2202PIFPP100W (8723)*	Multipair Cable	> Individually foil screened white 2 pair cable - internal - 100 metre reel	

*Equivalent to common reference code. Other colours and lengths are available from stock



Fibre Cable

		
	Excel Fibre - OM2	> 4 core 50/125 OM2 internal/external grade loose tube fibre cable
	200-049	
	Fibre - OM2	> 12 core 50/125 OM2 internal/external grade loose tube fibre cable
	200-089	
	Fibre - OM3	> 4 core 50/125 OM3 internal/external grade loose tube fibre cable
200-150		
Fibre - OM3	> 12 core 50/125 OM3 internal/external grade loose tube fibre cable	
200-152		
Fibre - OM3	> 4 core 50/125 OM3 internal/external grade loose tube CST Fibre cable	
205-280		
Fibre - OM3	> 12 core 50/125 OM3 internal/external grade loose tube CST fibre cable	
205-282		

Cable - Copper, Fibre and Coax


Part Number	Description	Features
205-305	Fibre - OS2	> 4 core 9/125 OS2 internal/external grade loose tube CST fibre cable
205-307	Fibre - OS2	> 12 core 9/125 OS2 internal/external grade loose tube CST fibre cable
205-348	Fibre - OM2	> 4 core 50/125 OM2 internal/external grade loose tube SWA fibre cable
205-352	Fibre - OM2	> 12 core 50/125 OM2 internal/external grade loose tube SWA fibre cable
205-356	Fibre - OS2	> 4 core 9/125 OS2 internal/external grade loose tube SWA fibre cable
205-360	Fibre - OS2	> 12 core 9/125 OS2 internal/external grade loose tube SWA fibre cable

Fibre Patch Leads



<div>  </div>		
<div> <h3>View our Fibre Videos</h3>  <p>Comprising of... fibre cable, patch panels and fibre leads</p> </div>		
200-200	Excel Fibre - OM2	> ST-ST duplex multimode 50/125 OM2 - 1 metre orange
200-204	Fibre - OM2	> ST-ST duplex multimode 50/125 OM2 - 3 metre orange
200-176	Fibre - OM2	> ST-LC duplex multimode 50/125 OM2 - 1 metre orange
200-178	Fibre - OM2	> ST-LC duplex multimode 50/125 OM2 - 3 metre orange
200-001	Fibre - OM3	> ST-ST duplex multimode 50/125 OM3 - 1 metre aqua
200-003	Fibre - OM3	> ST-ST duplex multimode 50/125 OM3 - 3 metre aqua
200-062	Fibre - OM3	> ST-LC duplex multimode 50/125 OM3 - 1 metre aqua
200-064	Fibre - OM3	> ST-LC duplex multimode 50/125 OM3 - 3 metre aqua
200-251	Fibre - OS2	> ST-ST duplex multimode 9/125 OS2 - 1 metre yellow
200-253	Fibre - OS2	> ST-ST duplex multimode 9/125 OS2 - 3 metre yellow
200-694	Fibre - OS2	> ST-LC duplex multimode 9/125 OS2 - 1 metre yellow
200-698	Fibre - OS2	> ST-LC duplex multimode 9/125 OS2 - 3 metre yellow

Cable - Copper, Fibre and Coax

Connecting Hardware

Part Number	Description	Features
	Excel	
200-377	Fibre ST MM Patch Panel	> 24 port 1U ST multimode sliding drawer panel - 4 fibres
200-427	Fibre ST SM Patch Panel	> 24 port 1U ST singlemode sliding drawer panel - 4 fibres
200-378	Fibre ST MM Patch Panel	> 24 port 1U ST multimode sliding drawer panel - 8 fibres
200-428	Fibre ST SM Patch Panel	> 24 port 1U ST singlemode sliding drawer panel - 8 fibres
200-379	Fibre ST MM Patch Panel	> 24 port 1U ST multimode sliding drawer panel - 12 fibres
200-429	Fibre ST SM Patch Panel	> 24 port 1U ST singlemode sliding drawer panel - 12 fibres
200-460	Fibre ST MM Patch Panel	> 24 port 1U LC multimode sliding drawer panel - 8 fibres
200-470	Fibre ST SM Patch Panel	> 24 port 1U LC singlemode sliding drawer panel - 8 fibres
200-462	Fibre ST MM Patch Panel	> 24 port 1U LC multimode sliding drawer panel - 16 fibres
200-472	Fibre ST SM Patch Panel	> 24 port 1U LC singlemode sliding drawer panel - 16 fibres
200-401	Fibre ST MM Patch Panel	> 24 port 1U SC multimode sliding drawer panel - 8 fibres
200-480	Fibre ST SM Patch Panel	> 24 port 1U SC singlemode sliding drawer panel - 8 fibres
200-406	Fibre ST MM Patch Panel	> 24 port 1U SC multimode sliding drawer panel - 16 fibres
200-482	Fibre ST SM Patch Panel	> 24 port 1U SC singlemode sliding drawer panel - 16 fibres

Connecting Hardware

Part Number	Description	Features
	Excel	
202-024	Fibre ST Patch Box	> 4 Port ST Multimode Patch Box - 4 Fibre
202-029	Fibre SC Patch Box	> 4 Port SC Multimode Patch Box - 8 Fibre
202-025	Fibre ST Patch Box	> 8 Port ST Multimode Patch Box - 8 Fibre
202-031	Fibre SC Patch Box	> 8 Port SC Multimode Patch Box - 16 Fibre
	Excel	
200-330	Fibre ST Connector	> Multimode STII Simplex connector
200-319	Fibre ST Connector	> Singlemode STII Simplex connector
200-353	Fibre LC Connector	> Multimode LC Simplex connector
200-351	Fibre LC Connector	> Singlemode LC Simplex connector

Uninterruptible Power Supply (UPS)

APC Smart-UPS

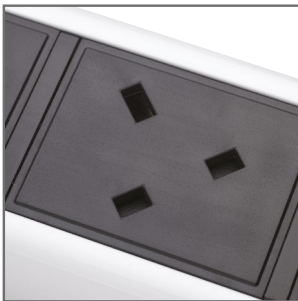
Part Number	Description	Features
 SMT750I	APC Smart-UPS	> SMT 500W/750VA, 6 IEC 320 C13 & 2 IEC jumpers output, tower, next generation, green
SMT1000I	Smart-UPS	> SMT 700W/1000VA, 8 IEC 320 C13 & 2 IEC jumpers output, tower, next generation, green
SMT1500I	Smart-UPS	> 1000W/1500VA, 8 IEC 320 C13 & 2 IEC jumpers output, tower, next generation, green
SMT1500RMI2U	Smart-UPS	> 1000W/1500VA, 4 IEC 320 C13 & 2 IEC jumpers output, rack mountable 2U
SMT2200I	Smart-UPS	> SMT 1980W/2200VA, 8 IEC 320 C13, 1 IEC 320 C19 & 2 IEC jumpers output, tower, next generation, green
SMX750I	Smart-UPS	> 600W/750VA, 8 IEC 320 C13 & 2 IEC Jumpers output, rack (2U) / tower, next generation, green
SMX1000I	Smart-UPS	> 800W/1000VA, 8 IEC 320 C13 & 2 IEC jumpers output, rack(2U)/tower, next generation,
SUA1000RMI1U	Smart-UPS	> 480W/750VA, 4 IEC 320 C13 & 2 IEC jumpers output, rack mount 1U
Network card		
 AP9630	APC Smart-UPS	> UPS network management card 2
AP9631	Smart-UPS	> UPS network management card 2 with environmental monitoring

Power Distribution Units (PDU's)

Excel Standard PDU's

Part Number

Description



CONNECTIVITY KEY

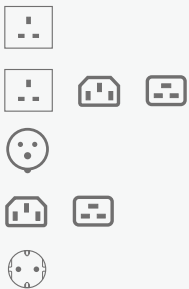
- 3 pin - BS1363
- "Commando Style" IEC 60309
- C13 - IEC60320
- C19 - IEC60320
- Universal - GST18
- Schuko
- French
- IEC 60884

An extensive range of professional grade power distribution units designed specifically for the 19" electronic enclosure markets. Offered with a comprehensive range of socket choice to suit wall mounting or floor standing cabinets.

Features:

- > Robust all aluminium housing
- > Range of socket density from 4 to 12
- > BS1363 sockets angled for optimum cable dressing on vertical mount units
- > Illuminated and fully shrouded switch
- > Range of socket styles:

- Standard BS1363 style socket
- Surge protected BS1363 and IEC 320 style socket
- EN 60309 style socket (BS4343)
- IEC 320 style socket
- Schuko style socket



For the full range of standard PDU's available please visit www.mayflex.com

D13-6H-EXL - 6 way

D13-6HF-EXL - 6 way filtered

D13-10-EXL - 10 way

D13-12-EXL - 12 way

Standard PDU's are also available in 4, 5 & 6 way versions – horizontal, available in 6, 8, 10, 12 way – vertical.

Power Distribution Units (PDU's)









Excel Modular PDU's

Part Number

Description



CONNECTIVITY KEY

-  3 pin - BS1363
-  "Commando Style" IEC 60309
-  C13 - IEC60320
-  C19 - IEC60320
-  Universal - GST18
-  Schuko
-  French
-  IEC 60884

The Excel range of modular power distribution strips introduces flexibility and design options which until now have not been available in products of this type. Core to the product range is a U shaped housing, manufactured from high quality, lightweight aluminium which is terminated with a 2 metre mains connection lead, with commando style and standard 3 pin plug options.

A range of socket modules is available which snap into this housing quickly, easily and securely, without the need for tooling.

The range of modules available enables users to mix and match socket styles to suit initial – and more importantly – changing connectivity or socket density requirements.

To add to the flexibility of product choice and configuration, modules can be 'hot swapped' at any time after initial installation. Simply detach devices connected to the module which need to be swapped, remove the original module and snap in the replacement. All other modules remain fully operational, reducing installation time, equipment down time, and extending the usable lifetime of the power strip unit itself.

Features:

- > Unrivalled flexibility
- > Choice of socket style and density
- > Mix and match socket styles to suit installed product
- > Each socket module is fused and has power light indicator
- > Extends usable life of power distribution units
- > Hot swap modules minimise network down time
- > High quality aluminium housing
- > Range of socket styles:

- Standard BS1363 style socket



- IEC 320 style socket



- Schuko style socket



- French style socket



- Universal style socket



555-050 - Housing - 6 way

555-060 - 3 BS1363

For the full range of standard PDU's available please visit www.mayflex.com

PDU's Available

Local & remote overall power monitoring
Local & remote overall and per socket monitoring
Local & remote overall and per socket monitoring, and power switching
Local & remote overall power monitoring and per socket switching
Local & remote overall power monitoring to existing passive (standard) PDU's

Socket Types

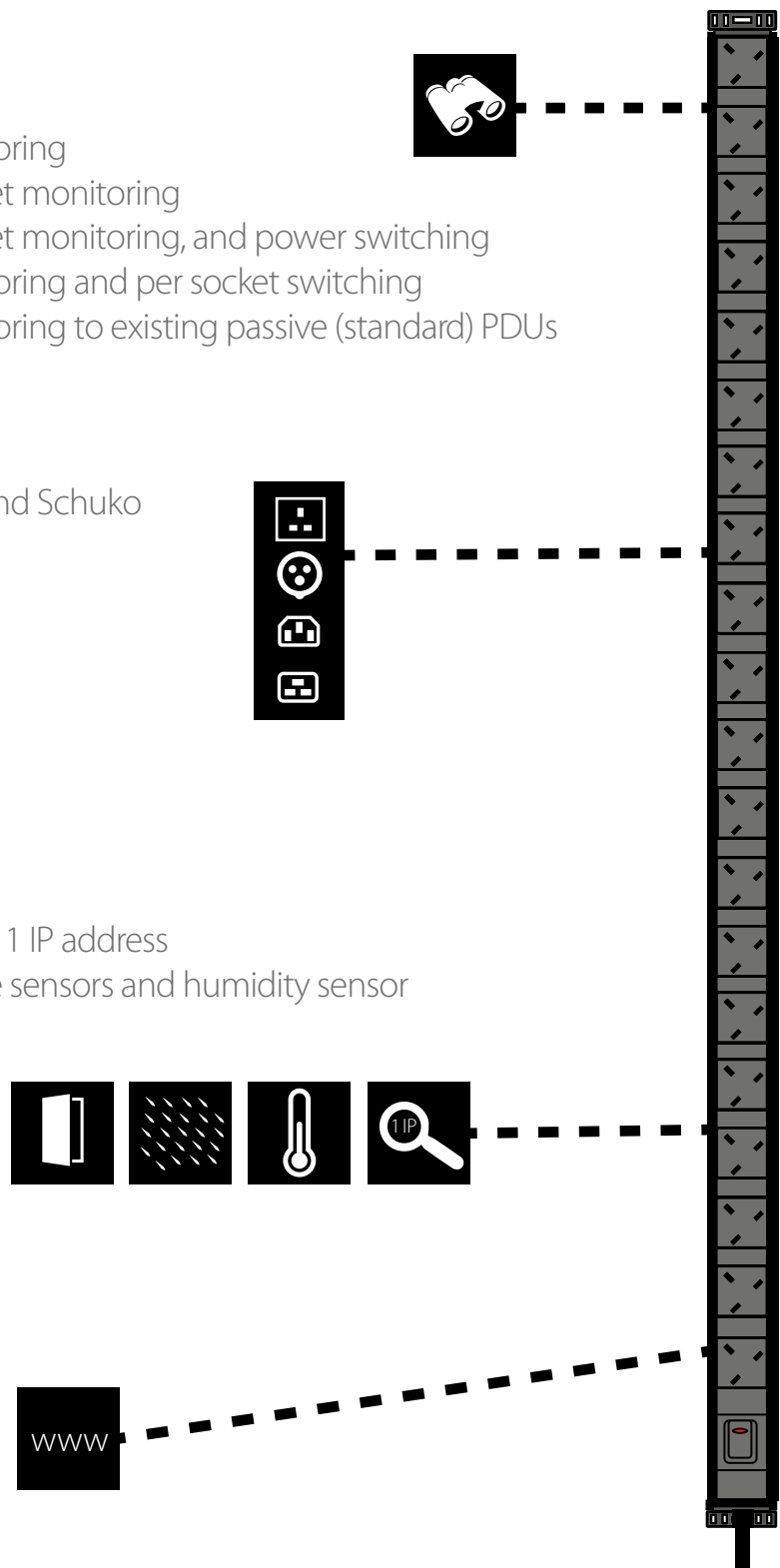
Any socket combination: C13, C19 and Schuko
Locking
Single or three phase
16 – 63 Amp
Up to 48 sockets on one PDU

Features















UK design and manufacturer
Short leads times
Daisy chain up to 32 units together - 1 IP address
Environmental ports - 8 temperature sensors and humidity sensor
3 volt free contacts
Door control for up to 2 doors
Remote LCD display
Accuracy

Control

Web browser
SNMP
Mod-Bus
Software (Free)



Tools & Accessories

Part Number		Description	Features
30-506		Crimpmaster Tool Frame only	> 8 position RJ45
30-581		Std RG58 59 & 62 Die Set only	> For 30-506 frame
24-0016		AMP RJ45 Plug	> AMP RJ45 Plug, Solid UTP, Cat 5e
22-0011		AMP Crimp Tool	> AMP compatible
30-496		Telemaster crimp Tool	> 8 position RJ45, AMP compatible
202-043		Cable cutters	> With vinyl dipped handles, suitable for general purpose cutting and trimming
600-060		BNC Crimp Plug	> For RG59/RG62/URM70
600-112		BNC Crimp Jack	> For RG59/RG62/URM70
23-0035		Inline Connector	> Cat 5e Inline RJ45 Connector
100-614		Back Boxes	> White 32mm deep back box
35-480		IDC Punchdown Tool	> BT reference 2A
CT8		Continuity Tester	> Tester unit C/W 1 cable identifier
450-012		Trunking	> 16 x 25mm trunking > 10 x 3 metre lengths (pack size)
CV-300		Nylon cable tie	> 4.8mm x 300mm natural (pack 100)

Photograph
represents
style only

We have produced...

A library of one page pdf's which are designed to give you an overview of some of the key manufacturers distributed by Mayflex.

Each pdf gives an overview of the manufacturer and also lists details of features, benefits and USP's along with relevant reference sites where available.

Key points on how the manufacturer's products in question can provide your customers with a return on investment are also included.

A complete library of pdf's can be found in the downloads section of the Mayflex website or printed copies are available on request.

Information available includes Security, Infrastructure and Networking suppliers.

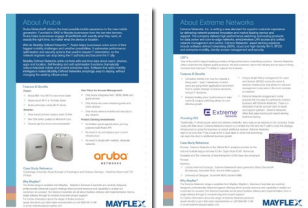
Security



Infrastructure

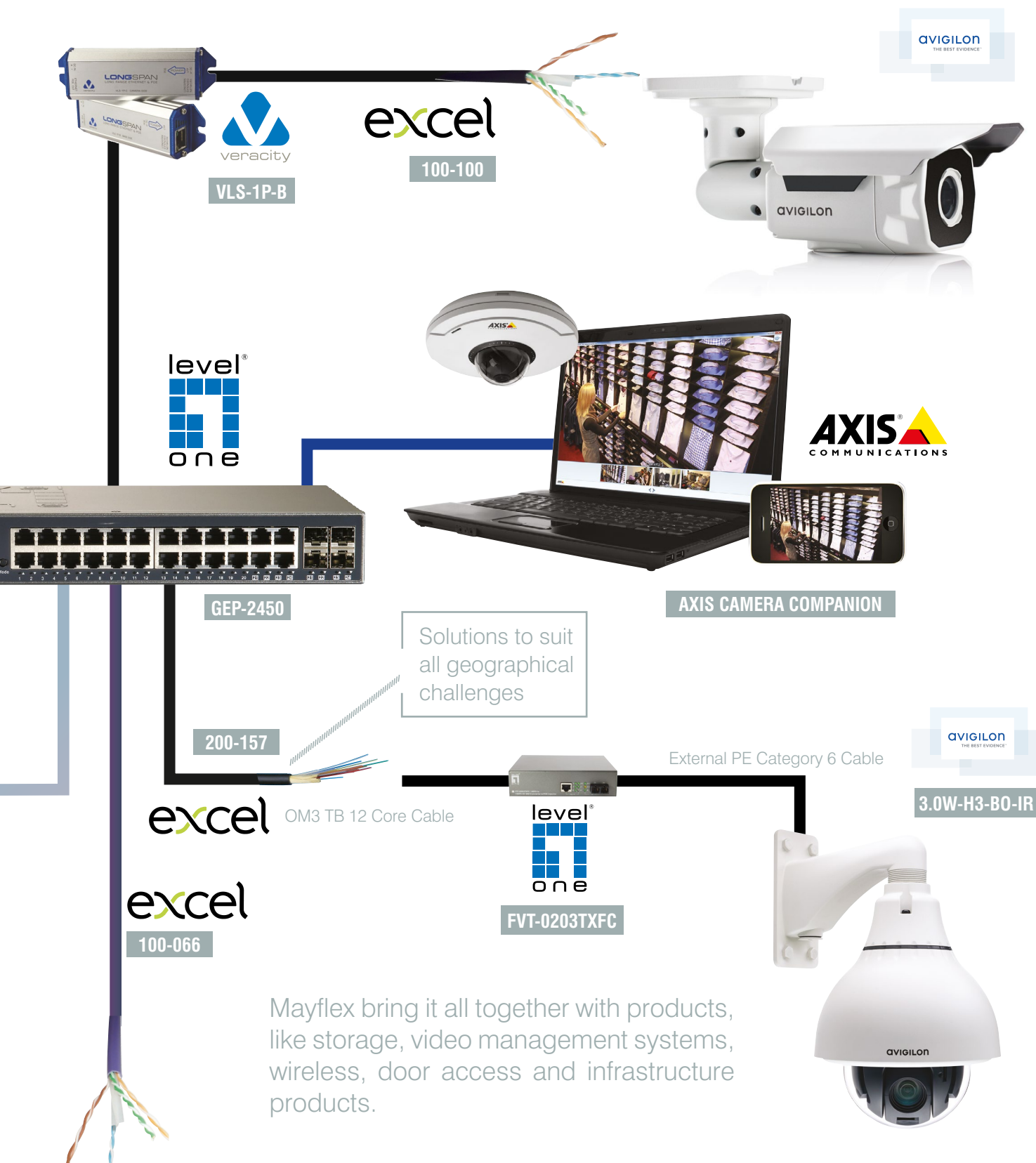


Networking



Visit www.mayflex.com to download the pdf's you require, email admin@mayflex.com to request copies or alternatively speak to your field sales representative.



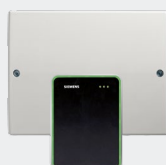


Mayflex bring it all together with products, like storage, video management systems, wireless, door access and infrastructure products.

Storage



Access



Edge Intelligence



+ Mayflex Business and Service Essentials

With our range of Business Essentials services, we'll make sure you're equipped to succeed. Our customers enjoy:



Business Essentials

- > Product selection - 9,500 product lines, all offering value and performance
- > Knowledge & expertise – support from our dedicated industry experts
- > XTRA partner area - sign-up to our Xtra partner area for advice and guidance, online ordering and personalised marketing materials
- > Stability - We've been delivering excellent products and services for 97 years
- > Technical Support - from pre-sales through to handover
- > World class supply chain - on time delivery, wherever you are
- > Communication - we'll keep you up-to-date with the latest innovations
- > Quality management - independently accredited, our service ensures a great customer experience
- > Environmental responsibility - committed to reducing our footprint
- > Training - We run a wide variety of training courses to help develop and keep your skills up to date
- > M-Tech - state of the art live product demonstration facilities

We pride ourselves on our excellent customer service, recognised by the award of Investors in Customers (IIC) 2* status. Our Service Essentials will make sure your project is delivered as smoothly and efficiently as possible, no matter how complex. Service Essentials include:



Service Essentials

- > At your service - sales and technical support experts offering fast, friendly, award-winning service that sets us apart from the rest
- > Mayflex channel assist - professional support and maintenance services including rapid fix or replace and on or off site product configuration
- > Rack configuration - to your specific requirements
- > Placement plus - racks delivered, unpacked and in position
- > Track & trace - online order tracking & SMS alerts
- > Site audits - typically, visual and performance inspection prior to site hand over
- > Here when you need us - from 8am-6pm
- > Free delivery - order online by 8pm for free next-day delivery in mainland UK
- > Enviro-box - eco-friendly packaging and delivery service
- > Toolbox training - on-site training on best practice and testing of the Excel product set

+ Xtra

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- > Ordering online – customers can order online until 8pm for free next day delivery
- > Branded literature – customers can personalise specific product PDFs
- > Accessing account information
- > Viewing stock availability
- > Save planning lists to retrieve a selection of products you regularly order at the touch of a button

To get a login to Xtra, visit www.mayflex.com and click on 'Create Login' and an account will be set up for you within 24 hours.

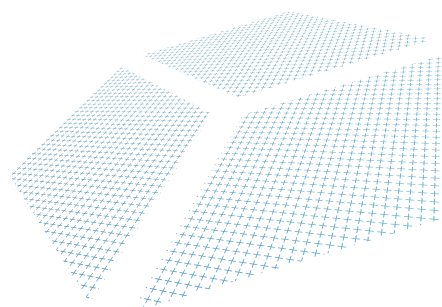


+ Track & Trace

The secure track & trace facility on the Mayflex website provides you with a quick and simple way of checking on the status of your order at any time to suit you.

There is no need to contact the Mayflex customer services team, you can make enquiries at whatever time of the day, 7 days a week.

Click on **www.mayflex.com** and from the home page simply enter your unique Mayflex order number and the postcode that the order is being delivered to. You will instantly see the status that the order is at.



+ Branded Literature

Not only can you download product specification sheets and brochures, the Xtra area gives you the ability to personalise specific product PDFs.

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Order and Delivery Information



Ordering Information

Online Ordering

Once you've logged into the Xtra area you will be able to see your prices against all of the products shown on the catalogue.

Simply find the products that you want by clicking on the products or manufacturer buttons at the top of the screen or using the menu on the right hand side of the screen.

To order a product simply enter the number of items required and click the select button. Then scroll down to the bottom of the screen and you can add them to your basket or alternatively to a 'planning list'.

Next to each product you will be able to see if a product is currently in stock – highlighted by a . If a product is currently out of stock you will see the following icon  for you to call our sales office to check availability.

You can order online up until 8.00pm for next day free delivery to the UK mainland.

This guide just highlights some of the great products Mayflex offers.

For full details on any product range or to place your order contact the Security Sales Team on Freephone **0800 881 5199** or email securitysales@mayflex.com.



We want your Feedback

At Mayflex we are continually looking for ways in which we can improve our service levels. Our online customer survey consists of 7 open ended questions which are quick and easy to answer.

Find the survey on the homepage of our website, www.mayflex.com



Order and Delivery Information

+ Free Delivery

Mayflex offers a **FREE** next day delivery service on all products including racks to the UK mainland

We also offer a **FREE** cable cutting service

Some prices may be subject to exchange rate fluctuations

A £6.95 administration charge will be applied to all orders below the value of £150 excluding VAT and carriage

+ Overseas Deliveries

If you need a delivery made outside of the UK then we can provide you with a competitive quotation. Please call the sales team for further information.

+ Terms & Conditions of Business

For a copy of our Terms & Conditions of business please visit www.mayflex.com. Click on '**downloads**' and then on '**Mayflex**' and you can also download a copy of the Mayflex Returns Policy.

+ Case Studies

Case studies are an excellent way for you to tell both new and existing customers about successful installations that you were responsible for.

We want to hear from you if you have an interesting reference site which used products from either the Mayflex or Excel portfolio.

Simply fill in a short questionnaire with as much information as you can and we will do the rest.

To request a copy of the case study questionnaire or to discuss any questions you may have email marketing@mayflex.com



Support and Services

+ Sales & Technical Support

Mayflex has a comprehensive support system to ensure that your queries are dealt with as swiftly and efficiently as possible. Our sales team are on hand to advise you of the best solutions to meet your requirements.

- > Dedicated sales office staff in London and Birmingham
- > Field based team covering the UK

+ Demonstration Facilities

In our Birmingham and London offices, we have excellent facilities to cater for our customers' training needs.

[M-TECH](#), Mayflex's Technology Centres, are high-tech, fully working laboratory/demonstration facilities that show working examples of the key products within the Mayflex portfolio, allowing customers to see the products in action before they make any final decisions on which solutions best suit their needs.



+ Our Quality

Mayflex is devoted to providing a quality service and product. To demonstrate this commitment we have the ISO 9001:2008 quality accreditation.

We also have ISO 14001. Through obtaining this we have been able to identify ways in which we can make substantial reductions to our environmental impact. Having already managed an 80% reduction in waste being sent to landfill and reduced our energy consumption by 20% we are committed to implementing our strategies and actions to ensure that we make a positive contribution to the environment.

+ IIC

Mayflex was awarded the IIC 2* Award in recognition for its excellence in customer service. We gained an impressive score of 7.76 out of 10, rating us as 'outstanding'. Investors in Customers (IIC), is an independent assessment of excellence in the field of customer service and customer relationships.



+ Training

As Converged IP Solutions continue to evolve we recognise the need for training and development within our customer base to enable the opportunities this shift in technology presents to be maximised.

We offer a variety of [training courses](#) and [educational resources](#). Training offered ranges from complimentary introductions to specific solutions, for example Electronic Security, through to partner accreditation programmes, for example wireless or structured cabling systems.

We also work together with our manufacturers to continually develop courses that will be of benefit to our customer base, such as the IP CCTV Made Easy courses that have proved most successful with assisting analogue installers on the road to IP.

For more information on our full range of training courses visit the [Mayflex website](#) or speak to your account manager.



Partner Programme Information

Many manufacturers offer Partner Programmes. By being a partner to a particular company you can increase your knowledge, further your skills and gain numerous benefits. In some cases, products can only be bought if you are a member of the manufacturer's Partner Programme.

+ ACTi

ACTi has established a partner programme designed to provide integrators and resellers with a comprehensive training programme known as ACE. With the ACTi Certified Education programme, ACTi's partners will learn more about IP system design, proposing and installing IP surveillance, network video products and software integration.



+ Agent Vi

Agent Vi's channel partner programme defines the framework through which systems integrators become certified to resell, install and support Agent Vi's range of video analytics solutions. Partners must complete a certification course that empowers them with sales and technical knowledge. They are able to enjoy a range of benefits such as product (quota-based) discounts, access to the partner portal, listing on Agent Vi's website, demonstration software, discounts for deal registration, and more.



+ Avigilon

Avigilon Certified Solutions Partners can take advantage of the many benefits of being an official Avigilon partner. Access to online knowledge-based information, marketing and product documentation, and the Avigilon Training Center where you can receive certification on the foundational product knowledge needed to design, sell and install Avigilon systems. You'll also benefit from sales and technical support from our highly trained regional Sales Engineers. All partners are also automatically registered to receive regular updates on new product releases and upcoming events. An extended benefit includes sales leads that may be forwarded to you by Avigilon's sales and marketing teams.



+ AXIS

AXIS Communications' channel partner programme is designed to help channel partners capitalise on AXIS' market leadership in the fast-growing network video market. As a channel-oriented company, AXIS view their partners as an extension of their team, playing a key-role in the go-to-market strategy and the overall success of the company. Lead sharing, early product information and technical/sales training curricula at the AXIS Communications' Academy are among the many benefits designed to give AXIS' channel partners a distinct sales advantage.



+ Excel

The Excel Partner programme offers two levels of accreditation to installation companies: an Excel Cabling Partner (ECP) and an Excel Solutions Partner (ESP). Acceptance to either programme follows an application process based around technical and commercial capability, a commitment to undergo extensive training and an examination. CNet training, an independent training partner, run a 2 day certification course, and engineers are required to take an online course every two years to keep their accreditation up to date.



+ Extreme Networks

Extreme Networks has established a network of top-notch channel partners worldwide and has built collaborative partnerships and strategic alliances with many of the world's most innovative technology companies. The Extreme Networks Channel Partner Programme is built on value, innovation and commitment. It lets you decide the level of participation that is most appropriate for your business and provides the highest return based on your value proposition.



+ Fluidmesh

Fluidmesh sells its wireless solutions exclusively through channel partners. A partnership with Fluidmesh provides an edge that allows partners to create more business in a quick and profitable fashion. Designed to allow you to capitalise on rapid market growth, the Fluidmesh Channel Partner Programme provides you with the information and tools you need to expand your business, close sales faster and stay up-to-date on the latest market developments.



Partner Programme Information

+ Milestone

The Milestone Channel Partner program offers partners an extensive array of sales, marketing and technical supports tools, providing the best foundation for your IP video surveillance business. Partners receive training and certification through the Milestone Knowledge Program.

With access to the Milestone ecosystem of IP Hardware suppliers and software application vendors, you can create tailor-made solutions for projects of any size. There are also additional key rewards and benefits for partners who reach the higher performance levels.



The Open Platform Company

+ MOBOTIX

Join the MOBOTIX Global Partner Network and take advantage of the many benefits of being an official MOBOTIX Partner. Be the first to receive information on new products, commercial possibilities, upcoming events and much more. Receive sales and project support from local representatives and benefit from leads sharing to develop your business. Increase your skills by attending the certified training courses and gather qualifications to move up to the next level.



+ Panasonic

Panasonic's valued IP registered Partners will have access to their "on-demand" campaign system with an asset library. This will allow them to create instant demand by downloading and creating full 'co-branded' off and on-line marketing activities. In addition they can track the leads generated using the system to measure the response/success of their e-campaign. Panasonic Partners will gain points against their sales and as soon as they complete IP certified training events they can then be redeemed. These points can be earned by selling selected IP products, enabling them to gain additional bonus.

Panasonic

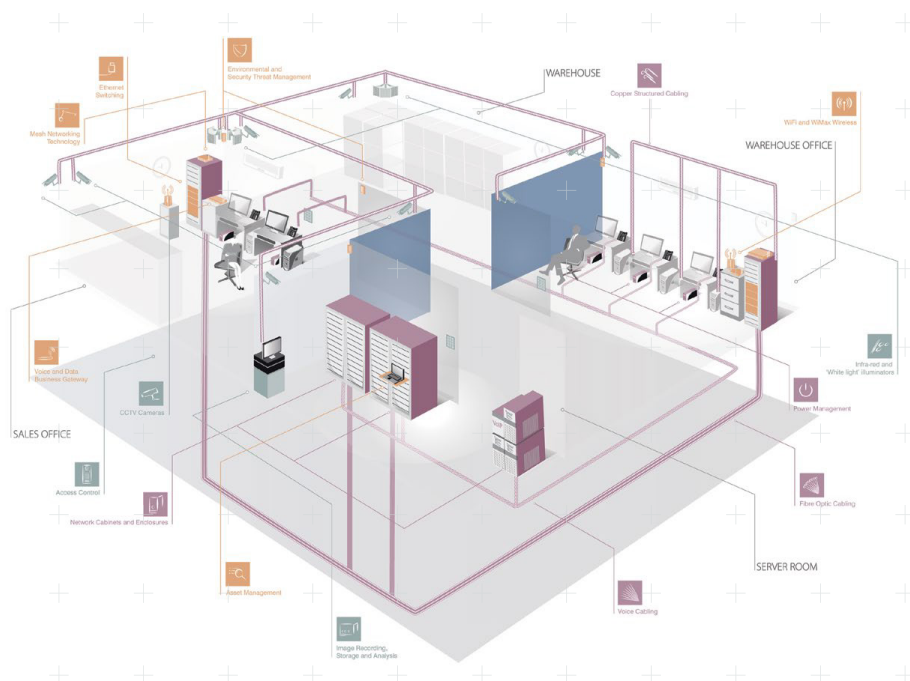
Introducing – The Mayflex Projects Team

The Mayflex project team was set up to help customers win more business. By providing a support function which incorporates price and logistical support and dedicated accounts the team of knowledgeable project coordinators can help increase your turnover.

Collectively the team members have over 60 years experience of the converged IP solutions market and have been instrumental in over 1500 project wins.

The Mayflex Projects team consists of knowledgeable, experienced individuals with the primary aim of helping you to win more business. Working with the team offer number of benefits which include:

- + Professional comprehensive manufacturer response documents provided with supporting technical information
- + Dedicated account
- + Logistics service
- + Manufacturer engagement including price support
- + Competitive Solution
- + Friendly & Professional Service
- + Project Success



To find out how the team can help you to secure a large project contact the team directly on **0121 326 2471** or email **projects@mayflex.com**

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All together.

MAYFLEX

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