



Axis^{EN}

The Worldwide Fire System
EN54



14 years. 60 countries. Still Advanced.



We're the same people, with the same commitment to excellence and customer satisfaction and now we have a brand that reflects our global reach and success.

To everyone that has helped us reach this milestone: We thank you and we promise that delivering you the best product and the best service remains our only goal for the next 14 years.

The Standard in Fire Systems

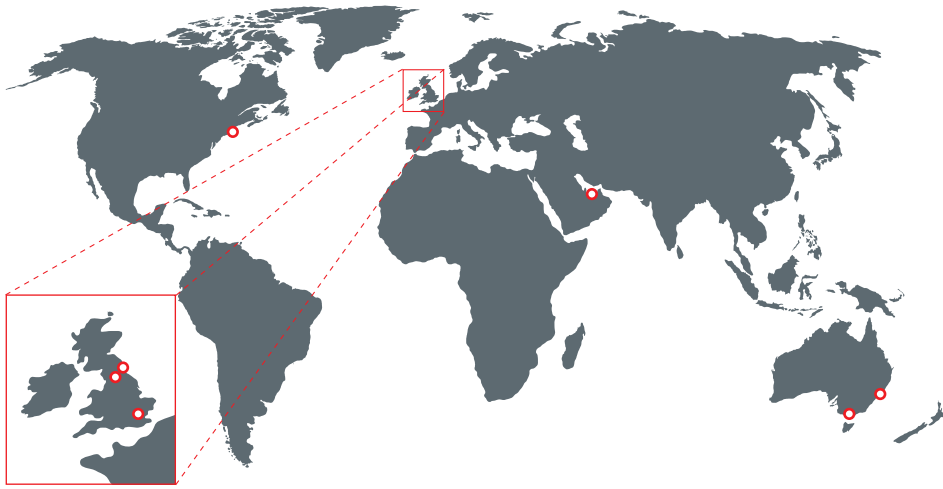


Contents

The Standard in Fire Systems	4
The Worldwide Fire System	6
High Performance Panels	8
Wired Range	10
Wireless Range	12
System Diagram	13
AdNet Plus Networking	14
Dynamix Tools	15
AdSpecials	16
Advanced360	16
Axis EN Parts List	17



The Standard in Fire Systems



Advanced is known all over the world for making the best quality, best performing fire systems.

We design 'easy' into our products. We make it easy to set up a one panel system or a complicated 200 panel network. We make our software intuitive. We deliver fast, accessible support, training and service. Above all, we make it easy to rely on an Advanced system.

Fire Systems are in our DNA. The people that started Advanced are the people that spearheaded the intelligent fire systems industry. They still work at Advanced and we train talented engineers and technologists every year. 25% of our business is dedicated to R&D. Our knowledge is unmatched, anywhere in the world and we're determined to keep it there.


Our systems are protecting people and property in over 60 countries worldwide, in many of the most prestigious and challenging locations. We realise our growth comes from the strongest customer relationships. We stay friendly, flexible and reactive to your requirements and our customer service is consistently rated excellent.

We manufacture all of our panels in the UK to demanding quality standards and hold global approvals. We enjoy full ISO 9001 compliance across manufacturing and design.



- Manufacturing and Quality
- Admin
- Customer Service and Support
- R&D



A nighttime photograph of a city skyline featuring several tall skyscrapers with illuminated windows. In the foreground, a highway shows light trails from moving vehicles. A semi-transparent dark red box is positioned in the upper right corner, containing white text.

Welcome
to the
world of
Advanced

Axis^{EN} The Worldwide Fire System

The Professional Choice

Axis EN is our solution for customers demanding a high performance EN54 approved system.



Axis EN is built on 14 years of leadership in the analogue addressable fire systems market. It is used across the globe in some of the most challenging and prestigious locations.

It combines our most advanced 1-8 loop, networkable fire panels with a complete range of wired and wireless loop devices and powerful peripherals.

Axis EN is designed to go anywhere you need high quality, reliable and easy to use fire detection and control, from mass transportation and industrial complexes to landmark developments, historic buildings and public services.

Axis EN is part of Advanced's Axis range of systems which hold global approvals, including EN54, UL864 and AS1670.



High Performance Panels

Axis EN is our highest performance EN54 approved panel range and is fully compliant with parts 2, 4 and 13.



It is the result of decades of fire alarm and detection experience and research and development involving installers, specifiers, consultants and end users across the world.

Axis EN panels have been designed to offer more power and performance in a user-friendly enclosure. Axis EN packs more configuration, display, status and control options into its interface as standard than any other Advanced fire panel, which means less time and expense customising a system with peripherals.

Axis EN's processing power and advanced component design means it delivers more features, an advantage it will maintain for years to come.

Every Axis EN panel features Advanced's unbeatable networking capabilities and Dynamix Tools fire panel software making it is easy to use and configure, from the smallest to the largest of sites and with complicated cause-and effect.



- Advanced diagnostics includes 'scope on board'

Features

- 1, 2, 4 or 8 loop formats
- Up to 240 devices per loop
- Up to 2,000 fire detection zones
- Up to 200,000 devices per network
- True peer-to-peer networking
- Networkable up to 200 nodes
- Supports intelligent/programmable remote terminals, BMS interface, IP Gateway and I/O Drivers
- Built in voltage and current meters
- Circuit monitoring from any panel or repeater
- On board or optional remote battery temperature sensor
- Direct USB and RS232 PC connections
- Advanced's simple, select and click programming & configuration
- Autolearn and Loop Detection
- Quick start and protect - a working system after an Autolearn is performed
- Peripheral expansion built in
- 20 built-in, fully programmable LEDs
- 4 programmable push buttons
- 5,000 event log entries
- Complete device history from each panel
- 201 programmable false alarm management areas per panel
- Programmable screen logo
- Timed enablement of isolated zones, input and output devices
- Advanced logic delivering huge configuration opportunities
- Backwards compatible with Mx-4000 range of panels
- Approved to EN54 Parts 2, 4 and 13

Why do I need Part 13?

Part 13 compliance ensures that a fire system will continue to perform to its maximum capability during a fire situation. Increased current in alarm conditions combined with a high resistance connection

(e.g. an incorrectly tightened screw in a sounder base), could prevent the sounders and beacons from operating on what would have incorrectly appeared to have been an acceptable 'fault free' installation.

Advanced's Axis EN is one of the few EN54 Part 13 approved panels available. Axis EN continuously monitors all transmission lines for compliance, checking and reporting faults every minute of every day.

Axis EN - 1 Loop



- Single loop
- Small enclosure
- Maximum 7Ah internal batteries
- 20 programmable LEDs
- Optional programmable key switch
- Programmable Input
- Medium, Large and Deep enclosure options

Axis EN - 2 Loop



- One or two loops
- Medium enclosure
- Maximum 12Ah internal batteries
- Up to 50 additional programmable LEDs
- Up to 8 programmable key switches or 4 plus printer
- Plexi-glass door option
- Large and Deep enclosure options

Axis EN - 4 Loop



- One to four loops
- Large enclosure
- Maximum 17Ah internal batteries
- Up to 200 additional programmable LEDs
- Up to 8 programmable key switches or 4 plus printer
- Plexi-glass door option
- Deep and Extended enclosure options

Axis EN - 8 Loop



- Two to eight loops
- Extended enclosure
- Maximum 45Ah internal batteries
- Up to 200 additional programmable LEDs, 2 x switch cards or mimic
- Up to 8 programmable key switches or 4 plus printer
- Plexi-glass door and external battery box option

Axis EN - Integrated Peripheral Bus

- Integrated P-Bus as standard
- Up to 32 expansion cards can be added to an Axis EN panel
- Peripheral expansion option cards include
 - 4 way relay card
 - 4 way sounder card
 - 10 way monitored input card
 - Conventional zone card (8 class B or 4 class A zones + 3 programmable relays)
 - 16 way push button / 48 LED card
 - 16 way input / 48 output (direct drive LED outputs)
 - Fire and Fault Routing / Protection Card
 - Redundant Controller

Axis EN - Remote Terminals

- Three types available including:
 - Remote Display Terminal
 - Remote Control Terminal with additional Mute, Silence, Reset and Resound keys
 - Remote Control Terminal with additional LED status indication, four programmable push buttons, Mute, Silence, Reset, Resound, Lamp Test and Evacuate Keys.
- Optional level 2 access enable key switch
- Integrated standard or fault-tolerant network interface with screen termination point
- Programmable display for up to 2,000 zones along with sector based controls



Axis EN - Rack Mount

- Rack mountable control panels
- Additional 16U and 20U high IP55 enclosures
- Rack mount peripheral chassis plate, LED and switch card module options
- Dedicated Mimic door option

Axis EN's loop device range is high performance, easily installed and maintained and offers a range of features and benefits suitable for almost any configuration.

Wired and wireless ranges can be added to the same system, allowing Axis to go as large and as wide as you need it. Detectors

come in a range of decorline finishes suitable for any location from sensitive, historic buildings to modern and industrial developments.

Detectors come in fully featured and 'lite' ranges allowing Axis to fit financial as well as performance criteria. All devices are ultra-low current, allowing up to 240 devices per loop.

A complete conventional range is also available for use with Axis control panels and interfaces.

Wired Range Sensors and Bases



Photoelectric Smoke

- Auto or manual addressing
- 360° red/green LED
- Magnet test feature
- Day/night operation
- 4 selectable alarm thresholds
- Bi-directional short circuit isolators



Photoelectric Smoke Lite

- Manual addressing via handheld programmer
- 360° visible red LED
- Day/night operation
- 4 selectable alarm thresholds



Relay Base

- Direct activation of external devices
- Conduit adaptor available



Standard Base

- Low profile
- Secure cable terminations
- Deep base variant
- Conduit adaptor available



Multicriteria

- Combined optical smoke and heat sensor
- Auto or manual addressing
- 360° red/green LED
- Magnet test feature
- Day/night operation
- 9 selectable alarm thresholds
- Bi-directional short circuit isolators



Multicriteria Lite

- Combined Optical smoke and heat sensor
- Manual addressing via handheld programmer
- 360° visible red LED
- Day/night operation
- 9 selectable alarm thresholds



Heat Lite

- A1R and B classification
- Low thermal inertia
- Manual addressing via handheld programmer
- 360° visible red LED



Class A1R & B Heat

- A1R and B classification
- Low thermal inertia
- Auto or manual addressing
- 360° red/green LED
- Magnet test feature
- Bi-directional short circuit isolators

Call Points



Resettable

- Mimics feel of break-glass
- Indicator drops into view upon activation
- Reset using a special key
- Auto or manual addressing
- Bi-directional short circuit isolators
- Red/green panel driven LED



Waterproof Resettable

- IP67 rated
- Mimics feel of break-glass
- Indicator drops into view upon activation
- Reset using a special key
- Auto or manual addressing
- Bi-directional short circuit isolators
- Red/green panel driven LED

Options



Decorline

- Special finishes for Axis EN detectors, specified by the customer, unobtrusive and suitable for any location



Conventional

- A full range of conventional detectors, sounders, beacons and call points are available

Modules



Single Input

- Input monitored for normal, short, alarm and open conditions
- Available in wall mount, mini, micro and DIN rail formats
- Auto or manual addressing
- Bi-directional short circuit isolators
- Red/green panel driven LED
- Plug in connections



Monitored Output

- Output monitored for open and short circuits
- Available in wall mount, mini and DIN rail formats
- Auto or manual addressing
- Bi-directional short circuit isolators
- Red/green panel driven LED
- Plug in connections

Single Input and Single Relay Output

- Input monitored for normal, short, alarm and open conditions
- Programmable Form C changeover contact for auxiliary device control
- Available in wall mount, mini and DIN rail formats
- Auto or manual addressing
- Bi-directional short circuit isolators
- Red/green panel driven LED
- Plug in connections



Single Relay Output

- Programmable Form C changeover contact for auxiliary device control
- Available in wall mount, mini, micro and DIN rail formats
- Auto or manual addressing
- Bi-directional short circuit isolators
- Red/green panel driven LED
- Plug in connections



Conventional Zone Module

- Compatible with majority of EU detectors
- External or loop powered
- Adjustable current limit by panel
- Identifies all conditions on conventional zone
- Auto or manual addressing
- Bi-directional short circuit isolators
- Programmable Form C changeover relay included



Single Input and Supervised Output

- Input monitored for normal, short, alarm and open conditions
- Output monitored for open and short circuits
- Available in wall mount, mini and DIN rail format
- Auto or manual addressing
- Bi-directional short circuit isolators
- Red/green panel driven LED
- Plug in connections

Sounders and Beacons



Waterproof Wall Sounder

- Low current consumption
- Dual, continuous or pulsed tone selectable from panel
- Rotary volume control
- Auto or manual addressing
- Bi-directional short circuit isolators



Addressable Beacon

- Low current consumption
- Auto or manual addressing
- Bi-directional short circuit isolators
- Flash rate and intensity selectable by DIP switch



Sounder Base and Sounder Beacon Base

- Low current consumption
- Up to 31 selectable tones
- Volume and tones programmable at panel
- Individually controllable LED beacon
- Auto or manual addressing
- Bi-directional short circuit isolators



Wall Sounder

- Low current consumption
- Available in red or white
- Dual, continuous, pulsed, slow whoop, continuous or sweep tone
- Volume and tone selectable by DIP switch
- Auto or manual addressing
- Bi-directional short circuit isolators



Wall Sounder Beacon

- Available in red or white
- Dual, continuous, pulsed, slow whoop, continuous or sweep tone
- Volume and tone selectable by DIP switch
- Auto or manual addressing
- Bi-directional short circuit isolators
- Waterproof version also available



Slave Sounder Base and Slave Sounder Beacon Base

- Low current consumption
- No addressing required
- Volume & tones selectable by DIP switch
- Available with or without LED beacon

Accessories



Programming Unit

- Allows manual addressing of Axis EN devices
- Detectors directly mounted. Other devices via cable
- Provides additional device parameters



Intelligent Remote Indicator

- Low current consumption
- Output programmable by panel
- Auto or manual addressing
- Bi-directional short circuit isolators

Wireless Range



Translator Module

- Seamlessly integrates wireless devices onto wired loop
- Each Translator supports 32 wireless devices
- Multiple Translators can be added to one loop
- Loop powered
- Bi-directional comms with all devices
- Full analogue addressable integration - transmits all device info to panel
- Each wireless device seen individually on loop



Wireless Wall Sounder

- Powered by low cost lithium batteries
- Rotary volume control
- Pulsed, dual or continuous tone
- Tone selected by internal switches
- Bi-directional comms with Translator
- Auto frequency adjust and power management



Wireless Beam Detector

- Reflective beam detector
- Battery or externally powered
- Transmits fire and fault information wirelessly to panel



Expander Module

- Used to boost wireless network range
- Up to 7 Expanders used with each Translator
- Easy installation, externally powered
- Bi-directional comms with all devices
- Patented double antenna for signal reliability
- Flexible microcell structure



Wireless Heat Detector

- Fully intelligent devices
- Powered by low cost lithium batteries
- Primary and secondary batteries continuously monitored
- Bi-directional comms with Translator
- Auto frequency adjust and power management



Wireless Beacon

- Available in red or white
- Programmable output device, controlled by Axis fire panel
- Powered by low cost lithium batteries
- Flash rate and intensity selectable via DIP switch
- Bi-directional comms with Translator



Wireless Photoelectric Smoke Detector

- Fully intelligent devices
- Powered by low cost lithium batteries
- Primary and secondary batteries continuously monitored
- Bi-directional comms with Translator
- Auto frequency adjust and power management



Wireless Remote Indicator Lamp

- Provides visual indication of inaccessible detectors.
- Programmable output device, controlled by Axis fire panel
- Powered by low cost lithium batteries
- Primary and secondary batteries continuously monitored
- Bi-directional comms with Translator



Wireless Voice Annunciator

- Programmable voice output device, controlled by Axis fire panel
- Up to 3 recorded message, 32 seconds duration
- Messages stored using PC tool
- Bi-directional comms with Translator



Wireless Multicriteria Detector

- Fully intelligent devices
- Powered by low cost lithium batteries
- Primary and secondary batteries continuously monitored
- Bi-directional comms with Translator
- Auto frequency adjust and power management



Wireless Output Module

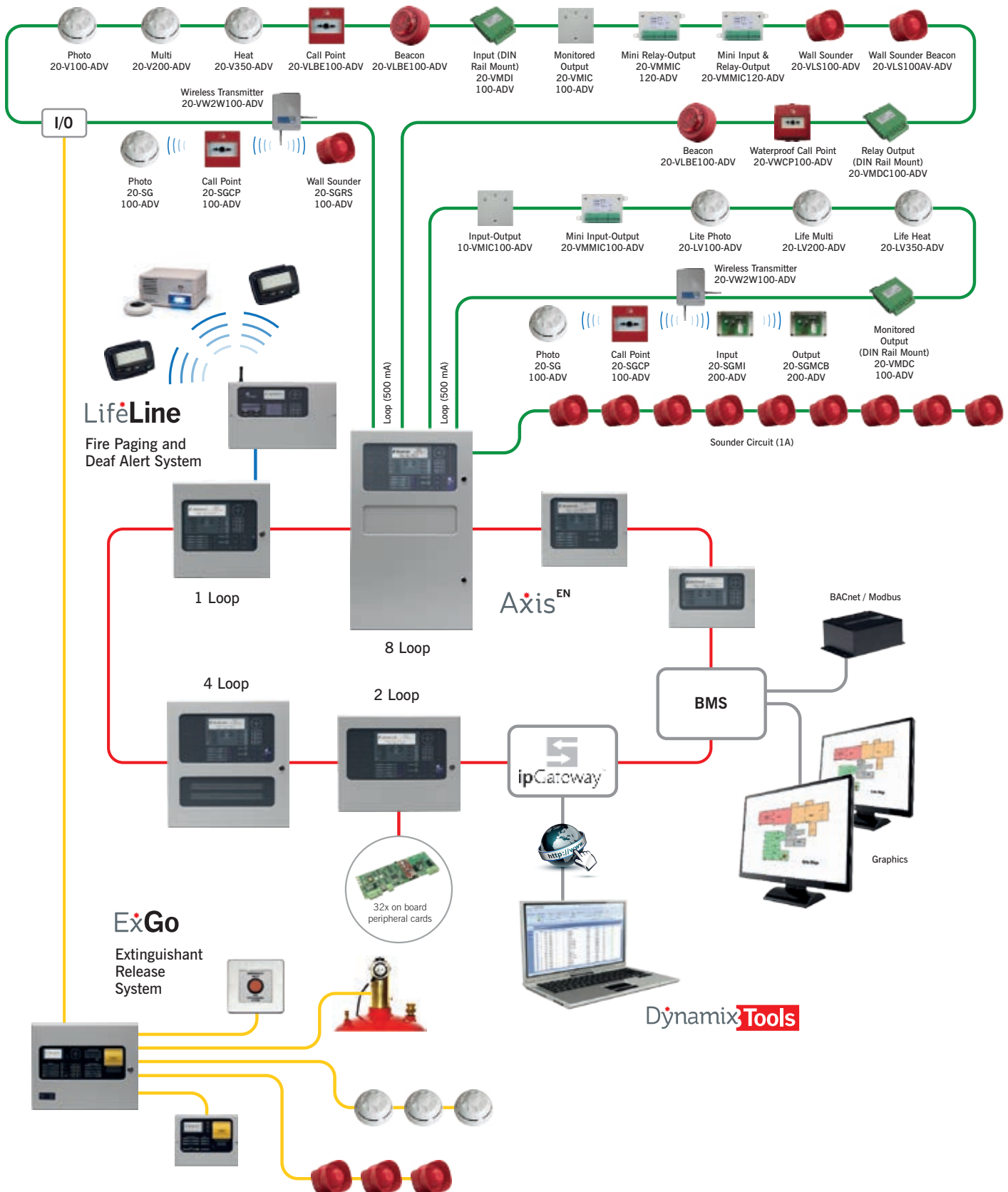
- Programmable Form C changeover contact for auxiliary device control
- External or battery powered modules available
- Bi-directional comms with Translator
- Auto frequency adjust and power management



Wireless Input Module

- Input monitored for normal, short, alarm and open conditions
- Provides on/off status info to control panel
- Powered by low cost lithium batteries
- Bi-directional comms with Translator
- Auto frequency adjust and power management

Sample System Diagram



AdNet Plus Networking

AdNet Plus works across the Axis EN range delivering the easiest setup and best performing fire panel networks available.

The AdNet network system allows all Axis EN series control panels, remote terminals and network peripherals to be connected together using standard fire resistant two-core cable. It provides both the benefits of distributed intelligence and reduced installation costs whilst catering for the smallest two-panel network through to the largest 200 panel, wide-area, networked system.

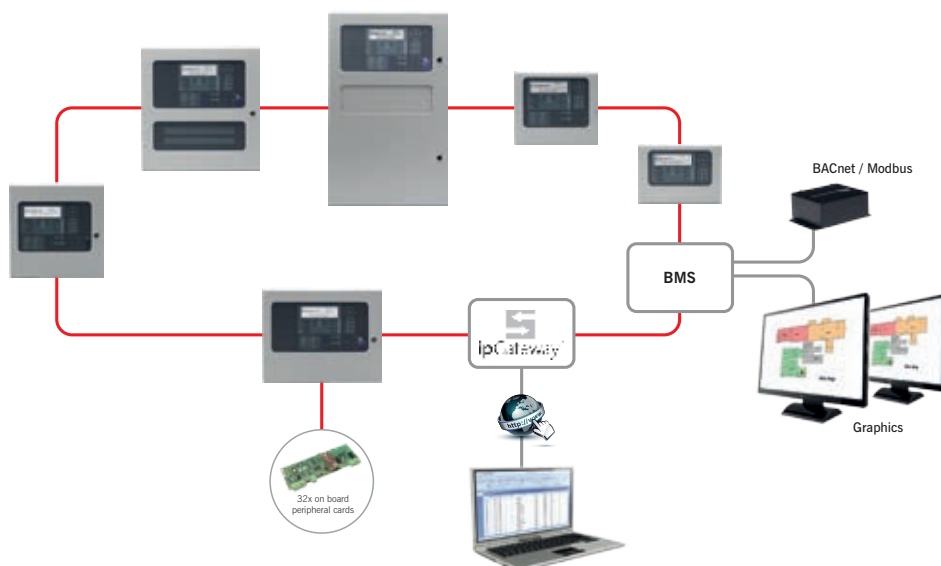
The network operates as a true peer-to-peer system and is therefore not reliant on a single 'master' panel to function. It allows information from any input or output device to be passed over the network and displayed on any Axis EN control panel or remote terminal as required. Details include Fire, General Alarm, Pre-alarm, Fault, Control Inputs and Disablement as well as analogue values, test instructions and status information.

AdNet's zoning facility allows the networked system to share up to 2,000 zones giving non-confusing indication and allowing true peer-to-peer cross panel report, control and site-wide cause and effect functionality. Simply adding and connecting a network card allows any Axis EN control panel or remote terminal to be networked. Autolearning the devices, adding text and assigning the zone numbers allows a working and compliant fire system to be achieved easily. All other nodes on the AdNet system will be instantly aware of a panel as soon as it is given a valid network node address, allowing additional panels

to be added at any time with a minimum amount of reprogramming.

All panels provide valuable diagnostic and status information and also have the facility to prevent the transmission of fires or faults

during commissioning. For more complex systems, our Dynamix Tools software makes for easy configuration of complicated cause-and-effect, whilst all the configuration data is contained within one user-friendly network configuration file.



ipGateway

ipGateway provides a secure, remote internet connection to an Advanced fire system via a standard web browser. No special software is required.

The state of each device on the network is displayed and users can Enable/Disable zones, Enable/Disable devices, Reset, Mute, and Silence/Resound sounders on the network.

The ipGateway can also be configured to react to events on the network by sending emails to configured recipients.

PC-Net Graphical Control Software

- Highly configurable to specific system
- Our graphical control software monitors the entire fire system through site maps, text and icons
- Users can isolate by selecting icons and devices
- Fire panel controls include Mute, Silence, Re-sound, Reset, Disable/Enable and Evacuate
- Event reports and log with analysis features

Advanced BMS

The BMS Interface allows any Axis EN system to interconnect and communicate with independent 3rd party BMS (building management systems) as well as PC based graphical control systems. This allows the fire system to be managed using existing fire or facilities management systems.

Physical connection to the external system is via a serial connection allowing the external BMS/Graphics systems to issue commands and receive information whilst the BMS interface handles all network traffic and event prioritisation. Multiple BMS interfaces can be connected to an AdNet network allowing independent connections to a wide range of control systems.

Dynamix^{*}Tools

Dynamix Tools is fire system software designed for users. It is easy to operate, easy to understand and makes the complicated simple.

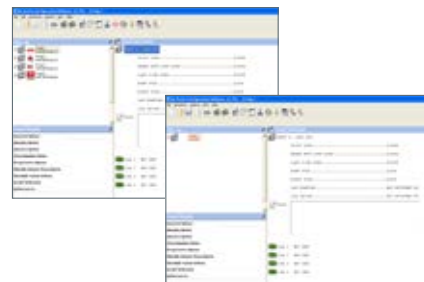
Dynamix Tools comprises a range of specific tools allowing users to achieve what they want quickly and easily, not get bogged down in large, clumsy and complicated software.

Dynamix Tools is being continually developed for the Axis EN panel range, adding new features and performance enhancements. Recently these have included comprehensive false alarm management and alarm verification features.

Our position in the global fire industry means we help guide legislation and can implement software changes quickly, keeping our customer systems right up to date. We also listen closely to our customers and often produce features for specific client requirements.

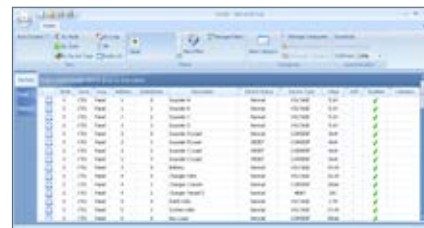
Config Tool

- Full configuration of single panel or network system
- Automatic design check of site configuration
- Assistants menu helps the engineer to easily configure panels
- Import, export information and print configuration reports



Service Tool

- Extract device information and event logs from single or multiple panels
- Device History including last activation, test, enable, disable and date created
- User defined filters allow data to be grouped and searched in many different ways
- View device status, analogue values and drift (contaminated) information
- Network simulation and test feature
- Categorise events and create User defined reports



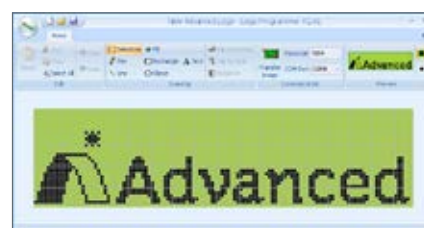
Terminal Tool

- Virtual panel display supports remote interrogation
- Direct USB/RS232 or remote Modem/IP connection
- Real time status information and control
- Event log can be downloaded



Logo Tool

- Allows the installer's logo to be displayed on the panels graphical LCD display during Normal Operation
- Uploads standard bitmap images
- Tool allows creation of logos
- JPG and GIF images can be imported



AdSpecials*

Custom Built Panels and Control Units

Advanced's special engineering and manufacturing team develops bespoke solutions for customers on the backbone of our market leading fire technology.

From mimic panels and special enclosures to high specification control units and monitoring stations, the AdSpecials team's work is found in thousands of locations worldwide.

Offering a consultancy, design and build service, the AdSpecials department is the epitome of what makes Advanced a manufacturer of choice - we go further to provide customers with exactly what they need.



Advanced360*

Total Customer Support & Service

To ensure our customers get exactly what they need, from specification, through sales, installation and maintenance to expansion we offer Advanced360, an equally advanced customer support service.

Advanced360 offers total customer care from a staff of industry experts and engineers. Support can cover help specifying a system or during installation or maintenance. Advanced360 also delivers full, free-of-charge installer training, online and telephone support and system and fault modeling services. It's Advanced, end-to-end fire system support, free to all customers.



Axis^{EN} Parts list

Product Code	Description
	Axis EN Series Fire Control Panels
	Axis EN - 1 Loop Panels
MX-5101V	1-Loop Fire Panel
MX-5101VM	1-Loop Fire Panel in Medium enc.
MX-5101VL	1-Loop Fire Panel in Large enc.
MX-5101VD	1-Loop Fire Panel in Large-Deep enc.
MX-5101VR	1-Loop 19" Rack Mount FACP
	Axis EN - 2 Loop Panels
MX-5201V	1-2 Loop Fire Panel c/w 1 Loop Card
MX-5201VL	1-2 Loop Fire Panel c/w 1 Loop Card in Large enc.
MX-5201VD	1-2 Loop Fire Panel c/w 1 Loop Card in Large-Deep enc.
MX-5201VR	1-2 Loop 19" Rack Mount FACP c/w 1 Loop Card
MX-5202V	1-2 Loop Fire Panel c/w 2 Loop Cards
MX-5202VL	1-2 Loop Fire Panel c/w 2 Loop Cards in Large enc.
MX-5202VD	1-2 Loop Fire Panel c/w 2 Loop Cards in Large-Deep enc.
MX-5202VR	1-2 Loop 19" Rack Mount FACP c/w 2 Loop Cards
	Axis EN - 4 Loop Panels
MX-5401V	1-4 Loop Fire Panel c/w 1 Loop Card
MX-5401VD	1-4 Loop Fire Panel c/w 1 Loop Card in Deep enc.
MX-5401VE	1-4 Loop Fire Panel c/w 1 Loop card in Extended enc.
MX-5401VR	1-4 Loop 19" Rack Mount FACP c/w 1 Loop Card
MX-5402V	1-4 Loop Fire Panel c/w 2 Loop Cards
MX-5402VD	1-4 Loop Fire Panel c/w 2 Loop Card in Deep enc.
MX-5402VE	1-4 Loop Fire Panel c/w 2 Loop Cards in Extended enc.
MX-5402VR	1-4 Loop 19" Rack Mount FACP c/w 2 Loop cards
MX-5403V	1-4 Loop Fire Panel c/w 3 Loop cards
MX-5403VD	1-4 Loop Fire Panel c/w 3 Loop cards in Deep enc
MX-5403VE	1-4 Loop Fire Panel c/w 3 Loop Cards in Extended enc.
MX-5403VR	1-4 Loop 19" Rack Mount FACP c/w 3 Loop Card
MX-5404V	1-4 Loop Fire Panel c/w 4 Loop Card
MX-5404VD	1-4 Loop Fire Panel c/w 4 Loop Card in Deep enc.
MX-5404VE	1-4 Loop Fire Panel c/w 4 Loop Cards in Extended enc.
MX-5404VR	1-4 Loop 19" Rack Mount FACP c/w 4 Loop Card
	Axis EN - 8 Loop Panels
Mx-5802V	2-8 Loop Fire Panel c/w 2 Loop Cards. Standard network
Mx-5803V	2-8 Loop Fire Panel c/w 3 Loop Cards. Standard network

Product Code	Description
Mx-5804V	2-8 Loop Fire Panel c/w 4 Loop Cards. Standard network
Mx-5805V	2-8 Loop Fire Panel c/w 5 Loop Cards. Standard network
Mx-5806V	2-8 Loop Fire Panel c/w 6 Loop Cards. Standard network
Mx-5807V	2-8 Loop Fire Panel c/w 7 Loop Cards. Standard network
Mx-5808V	2-8 Loop Fire Panel c/w 8 Loop Cards. Standard network
Mx-5802V/FT	2-8 Loop Fire Panel c/w 2 Loop Cards. Fault tolerant network
Mx-5803V/FT	2-8 Loop Fire Panel c/w 3 Loop Cards. Fault tolerant network
Mx-5804V/FT	2-8 Loop Fire Panel c/w 4 Loop Cards. Fault tolerant network
Mx-5805V/FT	2-8 Loop Fire Panel c/w 5 Loop Cards. Fault tolerant network
Mx-5806V/FT	2-8 Loop Fire Panel c/w 6 Loop Cards. Fault tolerant network
Mx-5807V/FT	2-8 Loop Fire Panel c/w 7 Loop Cards. Fault tolerant network
Mx-5808V/FT	2-8 Loop Fire Panel c/w 8 Loop Cards. Fault tolerant network
	Axis EN Remote Terminals
MX-5010	Remote Display Terminal (RDT)
MX-5010/FT	Remote Display Terminal (RDT) Fault tolerant
MX-5020	Remote Control Terminal (RCT) - Small
MX-5020/FT	Remote Control Terminal (RCT) Fault Tolerant - Small
MX-5030	Remote Control Terminal (RCT) - Large
MX-5030/FT	Remote Control Terminal (RCT) Fault Tolerant - Large
	Network Cards
MXP-503 *	Network Card - Standard
MXP-509 *	Network Card - Fault tolerant
* Add F - for fitted	
	Network Boosters and Convertors
Mxp-030	Standard Network Booster/ Isolator (DIN-Rail module)
MXP-631-MM	Ad-Net / Fibre Optic Converter Multi-Mode
MXP-631-SM	Ad-Net / Fibre Optic Converter Single-Mode
MXP-542	24VDC - 24VDC Converter / Isolator (for use with Mxp-631 Fibre network convertors)
	Axis EN Option Cards
MXP-501	Remote Battery Temperature Sensor
MXP-502	Loop Driver Card
MXP-505	Sounder (pt13) Active EOL
MXP-506	Routing Termination Card
MXP-507 *	2-way Relay Card
MXP-532 *	Routing / Protection Interface
Mxp-053	2-way Input Stretch / Latch module
* Add F - for fitted	

Axis^{EN} Parts list

Product Code	Description
	P-Bus Expansion Cards
Mxp-034 *	P-Bus - 4-Way Sounder Card
Mxp-034-BXP	P-Bus - 4-Way Sounder Card with 4A PSU (Boxed)
Mxp-035 *	P-Bus - 4-Way Relay Card
Mxp-035-BXP	P-Bus - 4-Way relay card with 1.5A PSU (Boxed)
MXP-536 *	P-Bus - 8-Way Conventional Zone Card
MXP-537 *	P-Bus - 10-Way Switch Input Card
MXP-538	P-Bus - 16-Way Switch (Form Factor) Module 16 Switches, 3 integrated, programmable LEDs per switch (red, yellow, green)
MXP-539	P-Bus - MIMIC Driver Card (16 input + 48 output) 16 Switch inputs & 48 LED driver outputs. Supports up to 5 Mxp-052 10 relay output modules
* Add F - for fitted	
	Axis EN LED Indication
MXP-513M-050RD *	50 Zone FIRE (RED) - Medium enc.
MXP-513M-050RY *	25 Zone FIRE (RED) + FAULT (YEL) - Medium enc.
MXP-513M-050YL *	50 Zone FAULT (YEL) - Medium enc.
MXP-513L-050RD *	50 Zone FIRE (RED) - Large enc.
MXP-513L-050RY *	25 Zone FIRE (RED) + FAULT (YEL) - Large enc.
MXP-513L-050YL *	50 Zone FAULT (YEL) - Large enc.
MXP-513L-100RD *	100 Zone FIRE (RED) - Large enc.
MXP-513L-100RY *	50 Zone FIRE (RED) + FAULT (YEL) - Large enc.
MXP-513L-100YL *	100 Zone FAULT (YEL) - Large enc.
MXP-513L-200RY *	200 Zone - Large enc. (RED/YEL)
MXP-513L-050CRY *	50 Zone Column Format - Large enc. (RED/YEL)
MXP-513L-050CRYG *	50 Zone Column Format - Large enc. (30 x RED/YEL - 20 GRN/YEL)
* Add F - for fitted	
	Axis EN Printers
MXP-512 *	Printer Assembly
MXS-509	Spare Paper Roll for Mxp-512 printer
* Add F - for fitted	

Product Code	Description
	Mimic Driver Cards, Indicators & Network I/O Controllers
Mxp-020-100	100-Way Remote LED Mimic Driver (un-boxed)
Mxp-020-100/FT	Fault Tolerant 100-Way Remote LED Mimic Driver (un-boxed)
Mxp-045	50-Way Network I/O Controller (un-boxed)
Mxp-045/FT	50-Way Fault-tolerant Network I/O Controller (un-boxed)
Mxs-026	High Intensity Red LED & 600mm Lead for Mxp-020 / 045
Mxs-026-YEL	High Intensity Yellow LED & 600mm Lead for Mxp-020 / 045
Mxs-026-GRN	High Intensity Green LED & 600mm Lead for Mxp-020 / 045
	Sounder Splitter & Boosters
Mxp-021(F)*	4-way Sounder Splitter Card **
Mxp-021-BXP	4-way Sounder Splitter with 4A PSU (Boxed) **
Mxp-026	Spare 4 Amp Sounder Booster Card **
Mxp-026-BXP	4 Amp Sounder Booster Card with 4 Amp PSU (boxed) **
* Add F - Fitted. ** Not compatible with MXP-505 Part13 Active EOL	
	EN54-4 'Approved' Power Supply Units
Mxp-049	1.5A EN54-4 PSU & Charger (boxed - 7Ah battery capacity)
Mxp-050-001	3A EN54-4 PSU & Charger (boxed - 7Ah battery capacity)
Mxp-050-002	3A EN54-4 PSU & Charger (boxed - 17Ah battery capacity)
Mxp-051	5A EN54-4 PSU & Charger (boxed - 17Ah battery capacity)
Mxp-051/D	5A EN54-4 PSU & Charger (boxed - 38Ah battery capacity)
	Axis EN Interfaces
MXP-510-BX	BMS / GRAPHICS I/F (Boxed)
MXP-510-BX/FT	BMS / GRAPHICS I/F (Boxed) Fault Tolerant
MXP-510	BMS / GRAPHICS I/F (Card Only)
MXP-510/FT	BMS / GRAPHICS I/F (Card Only) Fault Tolerant
MXP-547 (F)*	ESPA Pager Interface
MXP-547-BX	ESPA Pager Interface (Boxed)
MXP-554-BX	ipGateway (Boxed)
MXP-554-BX/FT	ipGateway (Boxed) Fault Tolerant
MXP-554	ipGateway (Card Only)
MXP-554/FT	ipGateway (Card Only) Fault Tolerant
MXP-641	Integrator- BACnet / Modbus (ip) Interface (Standard/Basic) **
MXP-641C	Integrator- BACnet / Modbus (ip) Interface (Configured) **
* Add F - Fitted. ** Requires mxp-510 BMS Interface	

Product Code	Description
	Axis EN Modems
Mxp-028 *	Modem Card (24V)
Mxp-028-BX	Modem Card (24V) boxed
<i>* Add F - Fitted (except except 1 loop)</i>	
	Dynamix Tools PC Software
See "Cables & Connectors" section for spare and USB compatible upload/download leads	
Pc-Net-003	Axis Configuration Software & Lead
Pc-Net-003-USB	Axis Configuration Software & USB Upload/Download Lead
Pc-Net-004	Axis Remote Dial-up Software (Virtual Panel)
Pc-Net-005-Ex1	Graphical Control Software* Standard Version Single Panel
Pc-Net-005-L1	Graphical Control Software* Standard Version up to 3 Panels
Pc-Net-005-L2	Graphical Control Software* Standard Version up to 15 Panels
Pc-Net-005-L2p	Graphical Control Software* Premium Version up to 15 Panels
Pc-Net-005-L3	Graphical Control Software* Standard Version up to 200 Panels
Pc-Net-005-L3p	Graphical Control Software* Premium Version up to 200 Panels
Pc-Net-007	Axis Logo Programming Software
Pc-Net-015	Axis Service Tool Software
<i>* requires Mxp-510 BMS interface</i>	
	Cables & Connectors (Upload/Download Leads)
Up-001	RS232 9-Way to 3-Way Plug In Connector (upload/download lead)
UP-006	USB Upload /Download Lead for Config Software
	Axis EN key Switches
MXP-511 *	Access Enable Key Switch
MXP-516 *	2-Pos Key Switch (trapped)
MXP-517 *	2-Pos Key Switch (untrapped)
MXP-515 *	3-Pos Key Switch (trapped)
MXP-518 *	Access Enable Key Switch for 5010/5020/5030
	Axis EN Spares
Mxs-501V	Spare Single Loop Base Card c/w PSU (no loop cards)
Mxs-502V	Spare Two Loop Base Card c/w PSU (no loop cards)
Mxs-503V	Spare Four Loop Base Card c/w PSU (no loop cards)
Mxs-504	Spare Display Card
MXS-506	Spare MX-5010 Card Only
Mxs-506/FT	Spare MX-5010 Card only - Fault Tolerant
MXS-507	Spare MX-5020 Card Only
Mxs-507/FT	Spare MX-5020 Card Only - Fault Tolerant
MXS-508	Spare MX-5030 Card Only
Mxs-508/FT	Spare MX-5030 Card Only - Fault Tolerant

Product Code	Description
	Axis EN Flushing Bezels
MXM-501	Semi-Flushing Bezel - Small enc.
MXM-502	Semi-Flushing Bezel - Medium enc.
MXM-503	Semi-Flushing Bezel - Large Enc
MXM-509	Semi-Flushing Bezel - MX-5030 RCT - Large
MXM-521	Semi-Flushing Bezel - MX-5010 / 5020
MXM-536	Semi-Flushing Bezel - Axis EN Extended enc.
	Axis EN Plexi Glass (Lexan) Door - Retro-fit
MXM-507	Glazed Door Kit - Large Enclosure
MXM-507Z	Glazed Door Kit (Double Aperture) - Large Enclosure
MXM-508	Glazed Door Kit - Medium Enclosure
MXM-508Z	Glazed Door Kit (Double Aperture) - Medium Enclosure
MXS-505	Spare Key - Glazed Door
MXM-538-D1	Glazed Door Kit with Zone Aperture - Extended enc.
MXM-538-D2	Glazed Door Kit with 2 x Glazed Apertures - Extended enc.
MXM-538-D3	Glazed Door Kit with Mimic Aperture - Extended enc.
	Axis EN Enclosures
MXM-504	Medium Termination Enclosure
MXM-505	Large Termination Enclosure
MXM-506	Large/Deep Termination Enclosure
MXM-516	Medium Battery (18Ah) / Utility Enclosure
MXM-517	Large Battery (18Ah) / Utility Enclosure
MXM-518	Deep Battery (45Ah) / Utility Enclosure
MXM-519	Chassis Mounting Plate for Utility Enclosure (3 cards)
MXM-522-BB	Small Enclosure - Spare Back Box
MXM-522-D1	Small Enclosure - Spare Door
MXM-523-BB	Medium Enclosure - Spare Back Box
MXM-523-D1	Medium Enclosure - Spare Door
MXM-523-D2	Medium Enclosure - Spare Door (c/w Zone Aperture)
MXM-524-BB	Large Enclosure - Spare Back Box
MXM-524-D1	Large/Deep Enclosure - Spare Door
MXM-524-D2	Large/Deep Enclosure - Spare Door (c/w Zone Aperture)
MXM-524-D3	Large/Deep enclosure - Spare Door (c/w 2 x switch apertures)
MXM-524-D4	Large/Deep Enclosure - Mimic Door with Single Aperture
MXM-525-BB	Deep Enclosure - Spare Back Box
MXM-530	Cable Clamp
MXM-531	Medium Document Enclosure
MXM-532	Large Document Enclosure
MXM-533	Modem/ESPA/BMS Interface enclosure
MXM-537-BB	Extended Enclosure - Back Box
MXM-537-BP	Extended Enclosure - Blank Plate for Zone LED Aperture
MXM-537-D1	Extended Enclosure - Spare Door
MXM-537-D2	Extended Enclosure - Spare Panel Door with Mimic Aperture

Axis^{EN} Parts list

Product Code	Description
	Axis EN Rack Mount Enclosure
MXM-510-16U	IP55 19" Rack Mount Enclosure - 16U High
MXM-510-20U	IP55 19" Rack Mount Enclosure - 20U High
MXM-510-KL	CAM Key-lock Kit for Outer Door
MXM-510-BS	19" Rack Mount - Battery shelf
MXM-510-BS1	19" Rack Mount - Battery shelf lower
MXM-510-CP	19" Rack Mount - Chassis Plate
MXP-513R-050RD	19" Rack Mount 4U LED Card - 50 Zone FIRE (RED)
MXP-513R-050RY	19" Rack Mount 4U LED Card - 50 Zone FIRE/FLT (R/Y)
MXP-513R-050YL	19" Rack Mount 4U LED Card - 50 Zone FLT (YEL)
MXP-513R-100RD	19" Rack Mount 4U LED Card - 100 Zone FIRE (RED)
MXP-513R-100RY	19" Rack Mount 4U LED Card - 100 Zone FIRE/FLT (R/Y)
MXP-513R-100YL	19" Rack Mount 4U LED Card - 100 Zone FAULT (Yellow)
MXP-513R-200RY	19" Rack Mount 4U Programmable LED Card - 200 Zone (RED/YEL)
MXP-513R-050CRY	19" Rack Mount 4U Programmable LED Card - 50 Zone Column Format (RED/YEL)
MXP-514	MX-5000 Rack AC Filter Card
MXM-511-1U	19" Rack Mount Blanking Plate - 1U
MXM-511-2U	19" Rack Mount Blanking Plate - 2U
MXM-511-3U	19" Rack Mount Blanking Plate - 3U
MXM-511-4U	19" Rack Mount Blanking Plate - 4U
MXM-511-6U	19" Rack Mount Blanking Plate - 6U
MXM-511-1U-TOP	19" Rack Mount Blanking Plate - 1U-TOP
MXM-512	19" Rack Mount Blanking LED Plate - 4U
MXM-513-BB	19" Rack Mount Back Box - 6U
MXM-513-BP	19" Rack Mount Switch / LED Blank Plate - 6U
MXM-513-D1	19" Rack Mount Door D1 Blank - 6U
MXM-513-D2	19" Rack Mount Door D2 LED - 6U
MXM-513-D3	19" Rack Mount Door D1 c/w aperture - 6U
MXM-513-FP	19" Rack Mount Fascia Plate Blank - 6U
MXM-513-MF	19" Rack Mount Switch / LED Mounting Frame - 6U
MXM-514-BB	19" Rack Mount Back Box - 8U
MXM-514-D1	19" Rack Mount Door D1 c/w aperture - 8U
MXM-514-FP	19" Rack Mount Fascia Plate Blank - 8U
MXM-515-6U	19" Rack Mount Chassis Plate - 6U
MXM-515-8U	19" Rack Mount Chassis Plate - 8U

Product Code	Description
	Axis EN Intelligent Analogue Addressable Devices
	Sensors and Bases
20-V100-ADV	AV Photoelectric Smoke Detector
20-V200-ADV	AV Multi-criteria Detector
20-V350-ADV	AV Class A1R and B Heat Detector
20-LV100-ADV	AV Lite Photoelectric Smoke Detector
20-LV200-ADV	AV Lite Heat Enhanced Photoelectric Smoke Detector
20-LV350-ADV	AV Lite Heat Detector
20-VB100-ADV	AV Detector Mounting Base
20-VDBS100-ADV	AV Deep Detector Mounting Base
20-VBLR100-ADV	AV Relay Mounting Base
20-WP100-ADV	Silicon Base Cover
	Modules - Single Input
20-VM100-ADV	AV Monitored Input Module
20-VMM100-ADV	AV Mini Monitored Input Module
20-VMD100-ADV	AV DIN Rail Mount Monitored Input Module
20-VUM100-ADV	AV Micro Monitored Input Module
	Modules - Single Output
20-VMC100-ADV	AV Monitored Output Module
20-VMMC100-ADV	AV Mini Monitored Output Module
20-VMDC100-ADV	AV DIN Rail Mount Monitored Output Module
	Modules - Single Relay Output
20-VMC120-ADV	AV Relay Output Module
20-VMMC120-ADV	AV Mini Relay Output Module
20-VMDC120-ADV	AV DIN Rail Mount Relay Output Module
20-VUMC140-ADV	AV Micro Relay Output Module
	Modules - Input / Output
20-VMIC100-ADV	AV Monitored Input / Output Module
20-VMMIC100-ADV	AV Mini Monitored Input / Output Module
20-VMDIC100-ADV	AV DIN Rail Mount Monitored Input / Output Module
20-VMIC120-ADV	AV Monitored Input / Relay Output Module
20-VMMIC120-ADV	AV Mini Monitored Input / Relay Output Module
20-VMDIC120-ADV	AV DIN Rail Mount Monitored Input / Relay Output Module
	Modules - Other
20-VMCZ100-ADV	AV Conventional Zone Module
20-LVM100-ADV	AV Isolator Module
20-VMIC404-ADV	AV 4 Input / 4 Relay Output Module
20-VMIC602-ADV	AV 6 Input / 2 Relay Output Module
20-VMIC422-ADV	AV 4 Input / 2 Relay Output / 2 Monitored Output Module
20-MB100-ADV	Mounting Box for AV Module
20-DMB100-ADV	Deep Mounting Box for AV Module

Product Code	Description
	Call Points
20-VCP100-ADV	AV Call Point
20-VCP100-B-ADV	AV Intelliget Call Point - Blue
20-VCP100-G-ADV	AV Intelliget Call Point - Green
20-VCP100-W-ADV	AV Intelliget Call Point - White
20-VCP100-Y-ADV	AV Intelliget Call Point - Yellow
20-VWCP100-ADV	AV Waterproof Call Point
	Addressable Sounders & Beacons
20-VLS100-ADV	AV Wall Sounder
20-VWLS100-ADV	AV Waterproof Wall Sounder
20-VLS100AV-ADV	AV Wall Sounder Beacon
20-VLS100AVW-ADV	AV Wall Sounder Beacon White
20-VWLS100AV-ADV	AV Waterproof Wall Sounder Beacon
20-VLBE100-ADV	AV Addressable Beacon
20-VBS100/32-ADV	AV Loop Powered Platform Slave Sounder
20-VBS100-AV/32-ADV	AV Loop Powered Platform Slave Sounder Beacon
20-SQG3CAP	Cap for AV Slave Sounder
20-VBLS100/32-ADV	AV Loop Powered Sounder Base (32 Tone)
20-VBLS100AV/32-ADV	AV Loop Powered Sounder Beacon Base (32 Tone)
20-LIDBA100-ADV	Cap for 32 Tone sounder
	Accessories
20-FI100-ADV	AV Remote Indicator
20-VFI100-ADV	AV Intelligent Remote Indicator
20-VPU1000-ADV	AV Programming Unit
20-TDM-1ADV	Detector Test Magnet
20-DC100-ADV	Dust Cover for AV Sensor (Quantity x 50)
20-CI-ADV	Integral Call Point Cover
	Duct Detector
20-DDH-PRO-ADV	Duct Detector Housing with AV Mounting Base
20-DDH-L1000-ADV	Duct Detector Housing with Resistor Base
20-DDH-R-ADV	Duct Detector Housing with Relay Base
20-DDH-DL1000-ADV	Duct Detector Housing with Diode and Resistor Base
20-DDH-W-ADV	Duct Detector Housing with Wireless Base
20-TV-0.6-ADV	0.6m Sampling Tube
20-TV-1.5-ADV	1.5m Sampling Tube
20-TV-2.8-ADV	2.8m Sampling Tube
20-DDH-BRACKET-ADV	Duct Detector Bracket
20-DDH204-ADV	Spare Gasket
20-DDH-F1/10-ADV	Duct Detector Filter

Product Code	Description
	Axis EN Wireless Range
20-VW2W100-ADV	AV Wireless Translator Module
20-SGWE-ADV	AV Wireless Expander Module
20-SG100-ADV	AV Wireless Photoelectric Smoke Detector
20-SG200-ADV	AV Wireless Heat Enhanced Photoelectric Smoke Detector
20-SG350-ADV	AV Wireless Heat Detector
20-SGMI200-ADV	AV Wireless Input Module
20-SGMCB200-ADV	AV Wireless Battery Operated Output Module
20-SGMC200-ADV	AV Wireless Output Module (requires external PSU)
20-SGCP100-ADV	AV Wireless Call Point
20-SGRS100-ADV	AV Wireless Wall Sounder
20-SGRS100/W-ADV	AV Wireless Wall Sounder White
20-SGWRS100-ADV	AV Wireless Waterproof Wall Sounder
20-SGWRS100/W-ADV	AV Wireless Waterproof Wall Sounder White
20-SGRBS100-ADV	AV Wireless Base Sounder
20-SGBE100-ADV	AV Wireless Beacon Red
20-SGBE100/W-ADV	AV Wireless Beacon White
20-SGRS100-AV-ADV	AV Wireless Wall Sounder Beacon
20-SGRS100-AV/W-ADV	AV Wireless Wall Sounder Beacon White
20-SGWRS100-AV-ADV	AV Wireless Waterproof Wall Sounder Beacon
20-SGWRS100-AV/W-ADV	AV Wireless Waterproof Wall Sounder Beacon White
20-SGRBS100-AV-ADV	AV Wireless Sounder Beacon Base
20-SGVA100-ADV	AV Wireless Loudspeaker
20-SGBD100-ADV	AV Wireless Beam Detector
20-PU-ADV	AV Wire to Wireless Keypad
20-SGFI100-ADV	AV Wireless Remote Indicator
20-SGSK100-ADV	AV Wireless Survey Kit
	Axis EN Conventional Devices
20-AS1000-ADV	Conventional Optical Smoke detector
20-AS2000-ADV	Conventional Multicriteria detector
20-AS3500-ADV	Conventional Class B Thermal Detector
20-AS3500-ADV A1R	Conventional Class A1R Thermal Detector
20-ABR100-ADV	Universal Resistor Base
20-ABD100-ADV	Universal Diode Base
20-ABDR100-ADV	Universal Resistor+Diode Base
20-ABSR100-ADV	Deep Resistor Base
20-ABSD100-ADV	Deep Diode Base
20-ABSRD100-ADV	Deep Resistor+Diode Base
20-ABLR100-ADV	Resistor Relay Base
20-ABLRD100-ADV	Resistor+Diode Relay Base

Axis^{EN} Parts list

Product Code	Description
	Sounders & Beacons
08-PSS-0003	Sonos Sounder Red (PSS-0084) - Shallow Base (PSO-0001)
08-PSS-0039	Sonos Sounder White(PSS-0089)- Shallow Base (PSO-0006)
08-PSS-0020	Sonos Sounder Red (PSS-0084) - Deep Base (PSO-0003)
08-PSS-0050	Sonos Sounder White (PSS-089) - Deep Base (PSO-0007)
08-PSC-0002	Sonos Sounder Beacon Red (PSS- 0068) - Shallow Base (PSO-0001)
08-PSC-0013	Sonos Sounder Beacon Red (PSS- 0068)- Deep Base (PSO-0003)
08-PSB-0009	Sonos Beacon Red - Shallow Base
08-PSB-0017	Sonos Beacon Red - Deep Base
08-PBS-0003	Sonos Base Sounder - White
08-PBS-0011	Sonos Base Sounder Cover - White
08-PBS-0017	Sonos LED Base Sounder Beacon - White
08-PBS-0020	Sonos LED Base Sounder Beacon Cover - White
	Bells
08-TAA-0007	Fire Bell, Red, 6 inch
08-TAA-0015	Fire Bell, Red, 8 inch
08-TAA-0017	Weatherproof Fire Bell, Red, 6 inch
08-TAA-0020	Weatherproof Fire Bell, Red, 8 inch
	Call Points
08-RP-RF-01	Resettable Manual Call Point Red Flush Mounted
08-RP-RS-01	Resettable Manual Call Point Red Surface Mounted (Supplied with Wall Plate & Back Box)
08-RP-RS1-01	Resettable Manual Call Point Red Surface Mounted (supplied with Integral Back Box)
08-RP-YF-01	Resettable Manual Call Point Yellow Flush Mounted
08-RP-YS-01	Resettable Manual Call Point Yellow Surface Mounted (Supplied with Wall Plate & Back Box)
08-RP-YS1-01	Resettable Manual Call Point Yellow Surface Mounted (supplied with Integral Back Box)
08-WRP-R-01	Waterproof Resettable Manual Call Point Red
08-WRP-Y-01	Waterproof Resettable Manual Call Point Yellow
	Accessories
20-TDM-1ADV	Detector Test Magnet
20-DC100-ADV	Dust Cover (minimum quantity X 50)
08-18-980843	Remote Indicator (blank)
08-18-980856	Remote Indicator with Text Legend

Product Code	Description
	Beam Detector
08-0206.09	FIRERAY 50RV Reflective Beam Detector
08-0206.10	FIRERAY 100RV Reflective Beam Detector
08-5000-101	FIRERAY 5000 System (50m)
08-5000-102	FIRERAY 5000 System (100m)
08-5000-002	FIRERAY 5000 Single Detector pack (50m)
08-5000-039	FIRERAY 5000 Single Detector pack (100m)
08-5000-004	FIRERAY 5000 Long Range Kit
08-22310.01	FIRERAY 2000 Beam Detector (End to End type)
08-3000-101	FIRERAY 3000 System (End to End type)
08-3000-015	FIRERAY 3000 Detectors pack
08-3000-201	Adjustment bracket for Fireray 3000
08-5000-201	Adjustment bracket for Fireray 5000
	Flame Detector
08-016581	Dual IR Flame Detector
08-016571	Dual IR Flame Detector (IS)
08-016511	Dual IR Flame Detector (Flameproof)
08-016589	Triple IR Flame Detector
08-016579	Triple IR Flame Detector (IS)
08-016519	Triple IR Flame Detector (Flameproof)
08-016591	UV/IR Flame Detector
08-016521	UV/IR Flame Detector (Flameproof)
08-007127	Flame Detector Adjustable Mounting Bracket
08-012545	Flame Detector Weather Shield
08-007279	Weather Shield for Flameproof Detector





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