Axis EN

Axis EN Wireless Heat Detector

The Axis EN wireless heat detector is the latest in wireless heat detector technology. The detector is a fully intelligent device designed to give the best possible warning of a fire condition in locations where smoke detection technology is not suitable. The device is capable of being configured as either a high temperature or rate of rise device type.

The well-proven adaptive radio signal processing algorithms ensure the highest levels of life safety and system reliability are achieved. An in-built magnet test allows easy activation to verify correct functionality and response.



Features

- Twin alarm LEDs for 360° degree visibility
- Programmable for rate of rise (A1R) or high temperature (BS)
- Bi-directional wireless communication
- 22 pairs of field channels
- Dual channel redundancy
- Long communication range
- 10-year battery life
- Uses standard low-cost lithium battery technology
- Device identification tab
- Security screw to prevent tampering and unwanted removal
- Easy scan and link programming option
- Third party approved
- Tri-coloured LED

Standards and Approvals

- EN54-5 Class P: Heat Detectors. Point Detectors
- EN54-25: Components using radio links

Specification

Operating frequency range	868 - 870 MHz
Maximum radiated power	14dBm (25mW)
Class A1R	58° max
Class BS high temp	78° max
Dimensions (H x W)	110 x 70 mm
Weight (without batteries)	153 g
Operating temperature range (no icing)	-10ºC to +55ºC
Maximum tolerated humidity (non condensing)	95% RH
IP Rating	40

Order Codes and Options

Axis-THT	Axis EN Wireless Heat Detector

Base Compatibility

Axis-TSMB	Axis EN Wireless Base Sounder
Axis-TSVMB	Axis EN Wireless Base Sounder-Beacon (White LED)
Axis-TSVMBRF	Axis EN Wireless Base Sounder-Beacon (Red LED)

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Axis EN

Axis EN Wireless Multi-Criteria Detector

The Axis EN wireless multi-criteria detector is the latest in wireless multi-criteria detector technology. The detector is a fully intelligent device combining both smoke and heat detection technologies for improved performance, whilst maintaining high levels of unwanted alarm rejection.

Using well-proven adaptive radio signal processing algorithms ensure the highest levels of life safety and system reliability are achieved. An in-built magnet test allows easy activation to verify correct functionality and response.



Features

- Advanced dual optical chamber design
- Twin alarm LEDs for 360° visibility
- Multiple operating settings
- Advanced drift compensation
- Bi-directional wireless communication
- 22 pairs of field channels
- Dual channel redundancy
- Long communication range
- 10-year battery life
- Uses standard low-cost lithium battery technology
- Device identification tab
- Security screw to prevent tampering and unwanted removal
- Easy scan and link programming option
- Third party approved
- Tri-coloured LED

Standards and Approvals

- EN54-5 Class A1R: Heat Detectors
- EN54-7 Smoke Detectors
- EN54-25: Components using radio links

Specification

Operating frequency range	868 - 870 MHz
Maximum radiated power	14dBm (25mW)
Dimensions (H x W)	110 x 70 mm
Weight (without batteries)	155 g
Batteries	2 x CR123A
Operating temperature range (no icing)	-10ºC to +55ºC
Maximum tolerated humidity (non condensing)	95% RH
IP Rating	40

Order Codes and Options

Axis-TOH	Axis EN Wireless Multicriteria Detector

Base Compatibility

Axis-TSMB	Axis EN Wireless Base Sounder
Axis-TSVMB	Axis EN Wireless Base Sounder-Beacon (White LED)
Axis-TSVMBRF	Axis EN Wireless Base Sounder-Beacon (Red LED)

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Axis EN Wireless Optical Detector

The Axis EN wireless dual optical smoke detector is the latest in wireless smoke detector technology. The detector uses dual optical smoke detection technologies and algorithms for improved performance, and maintaining the highest levels of false alarm rejection.

Using well-proven adaptive radio signal processing algorithms it ensures the highest levels of life safety and system reliability are achieved. In-built magnet test allows easy activation to verify correct functionality and response.



Features

- Advanced dual optical chamber design
- Dual angle scattering analysis
- Advanced drift compensation
- Bi-directional wireless communication
- 22 pairs of field channels
- Dual channel redundancy
- Long communication range
- 10-year battery life
- Uses standard low-cost lithium battery technology
- Device identification tab
- Fast test feature for engineer testing
- Security screw to prevent tampering and unwanted removal
- Easy scan and link programming option
- Third party approved
- Tri-coloured LED

Standards and Approvals

- EN54-7 Smoke detectors
- EN54-25: Components using radio links

Specification

Operating frequency range	868 - 870 MHz
Maximum radiated power	14dBm (25mW)
Dimensions (H x W)	110 x 70 mm
Weight (without batteries)	155 g
Operating temperature range (no icing)	-10ºC to +55ºC
Maximum tolerated humidity (non condensing)	95% RH
IP Rating	40

Order Codes and Options

Axis TOP	Axis EN Wireless Optical Detector

Base Compatibility

Axis-TSMB	Axis EN Wireless Base Sounder
Axis-TSVMB	Axis EN Wireless Base Sounder-Beacon (White LED)
Axis-TSVMBRF	Axis EN Wireless Base Sounder-Beacon (Red LED)

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Axis EN Wireless Manual Call Point

The Axis EN Wireless Manual Call Point (MCP) is a fully intelligent device which is compatible with all Axis EN Translator and Expander Modules.

The unit has a resettable plastic element, which displays a drop down warning indicator when operated. A key is supplied with the MCP for reset and case opening.

The product is powered by two lithium CR123A batteries with a typical life of 10 years. A transparent cover protects against accidental operation, whilst a weatherproof enclosure is available for use outdoors or in hostile environments.



Features

- Bi-directional wireless digital communications protocol
- 22 pairs of field channels
- Dual channel redundancy
- Long communication range
- 10-year battery life
- Uses standard low-cost lithium battery technology
- Resettable element
- Easy scan and link programming option
- Third party approval to EN54-11 and EN54-25

Standards and approvals

EN54-11 Manual Call Points

EN54-25 Components using radio links and system requirements

Specification

Operating frequency range	868 - 870 MHz
Maximum radiated power	14 dBm (25 mW)
IP rating	42
Weight (without batteries)	160g
Batteries	2 x CR123A (3V & 1.2 Ah)
Battery lifespan (typical)	10 years
Dimensions	88 mm x 87 mm x 61 mm
Operating temperature range	from -10°C - +55°C
Max humidity (non condensing)	95% RH

Protective Call Point Cover

The Axis-CPCI transparent cover for manual call point dramatically reduces both misuse and the risk of accidental activation making it ideal for sports halls, manufacturing and processing facilities, and other high-traffic areas. In addition, the Protective Call Point Cover ensures that two positive actions are required to activate the Call Point, making it suitable for territories where dual-activation is mandatory.



Order Codes and Options

Axis-TCP	Axis EN Wireless Call Point (Red)
Axis-CPCI	Transparent Cover for Axis-CP
Axis-CPKEY	Spare Reset Key for Axis EN Call Point
Axis-CPFMP	Wall Flush Mount Plate with External Frame (Red)

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Axis EN

Legacy Wireless Heat Detector

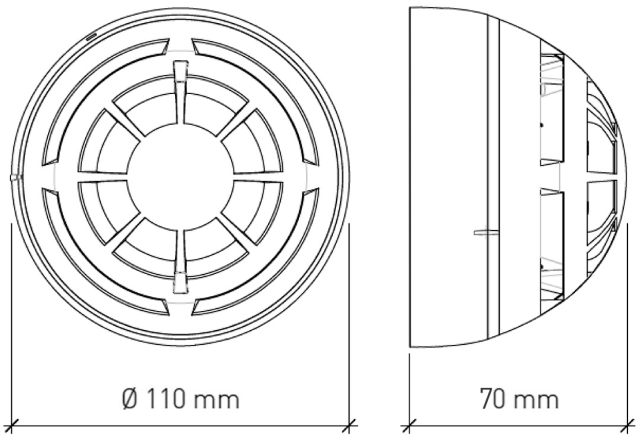
The Axis Wireless Heat Detector is the latest in wireless heat detector technology. It is a fully intelligent device and compatible with all Axis wireless translator and expander modules.

The detector is designed for open area protection giving the best possible warning of a fire condition in locations where smoke detection technology is not suitable. The well-proven adaptive radio signal processing algorithms ensure that the highest levels of life safety and system reliability are achieved. An in-built magnet test allows easy activation to verify correct functionality and response. A unique range of Decorline finishes is available.



Features

- Twin alarm LEDs for 350 degree visibility
- Internal algorithm processing optimises performance
- Utilises standard 3 Vdc lithium battery technology
- Bi-directional communication protocol between all wireless devices
- Device identification tab
- Multiple sensitivity warnings
- Approved to EN54-5 and EN54-25



Standards and Approvals

- EN54-5:2000 +A1:2002
- EN54-25:2008
- Approved by BRE/LPCB and certified by the UAE Civil Defence

Specification

Operating frequency range	868 MHz
Operating frequency channels	Multiple
Maximum radiated power	14dBm (25mW)
Class A1R	58° max
Class BS high temp	78° max
Dimensions (H x W)	110 x 70 mm
Weight	190 g
Operating temperature range (no icing)	-10ºC to +55ºC *
Maximum tolerated humidity (non condensing)	95% RH
IP Rating	40

* performance may vary at extremes of range

Order Codes and Options

Axis RHT	Wireless Smoke Detector

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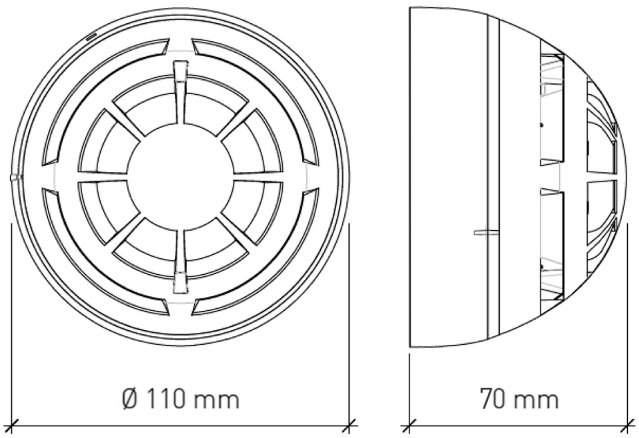
Axis EN

Legacy Wireless Multi-Criteria Detector

The Axis Wireless Multi-Criteria Detector is the latest in wireless multi-criteria detector technology. It is a fully intelligent device and compatible with all Axis wireless translator and expander modules.

The detector is designed for open area protection and combines both dual-path smoke and heat detection technologies for improved performance, whilst maintaining high levels of unwanted alarm rejection. Utilising well-proven adaptive radio signal processing algorithms ensures that the highest levels of life safety and system reliability are achieved. An in-built magnet test allows easy activation to verify correct functionality and response.





Features

- Advanced dual-path optical chamber design
- Internal algorithm processing optimises performance
- Utilises standard 3 Vdc lithium battery technology
- Multiple smoke and heat sensitivity settings
- Bi-directional communication protocol between all wireless devices
- Device identification tab
- Twin alarm LEDs for 360° visibility
- Approved to EN54-7, EN54-5 and EN54-25

Standards and Approvals

- EN54-5:2000 +A1:2002
- EN54-7:2000 +A1:2002 +A2:2006
- EN54-25:2008
- Approved by BRE/LPCB and certified by the UAE Civil Defence

Specification

Operating frequency range	868 MHz
Maximum radiated power	14dBm (25mW)
Operating frequency channels	Multiple

Choice of sensitivity settings	3 smoke/2 heat
Dimensions (H x W)	110 x 70 mm
Weight	190 g
Operating temperature range (no icing)	-10ºC to +55ºC *
Maximum tolerated humidity (non condensing)	95% RH
IP Rating	40
Magnet test	Yes

* performance may vary at extremes of range

Order Codes and Options

Axis ROH	Wireless Multicriteria Detector

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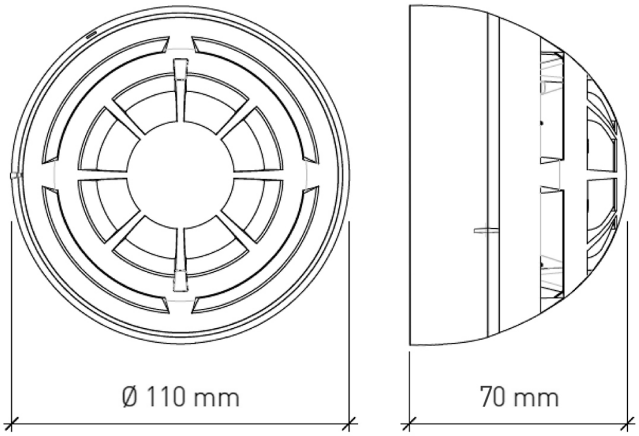
Axis EN

Legacy Wireless Smoke Detector

The Axis Wireless Dual Optical Smoke Detector is the latest in wireless smoke detector technology. It is a fully intelligent device and compatible with all Axis wireless translator and expander modules.

The detector is designed for open area protection and utilises dual-path optical smoke detection technologies and algorithms for improved performance, whilst maintaining the high levels of unwanted alarm rejection. Utilising well-proven adaptive radio signal processing algorithms ensures the highest levels of life safety and system reliability are achieved. An in-built magnet test allows easy activation to verify correct functionality and response.





Features

- Advanced dual path optical chamber design
- Internal algorithm processing optimises performance
- Utilises standard 3 Vdc lithium battery technology
- Bi-directional communication protocol between all wireless devices
- Device identification tab
- Dual angle scattering analysis
- Fast test feature for engineer testing
- Approved to EN54-7 and EN54-25

Standards and Approvals

- EN54-7:2000 +A1:2002 +A2:2006
- EN54-25:2008
- Approved by BRE/LPCB and certified by the UAE Civil Defence

Specification

Communication range	Up to 200 m (in open space)
Operating frequency range	868 MHz
Operating frequency channels	7
Dimensions (H x W)	110 x 70 mm
Operating temperature range (no icing)	-10ºC to +55ºC *
Maximum tolerated humidity (non condensing)	95% RH
IP Rating	40

* performance may vary at extremes of range

Order Codes and Options

Axis ROP	Wireless Smoke Detector

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Axis EN

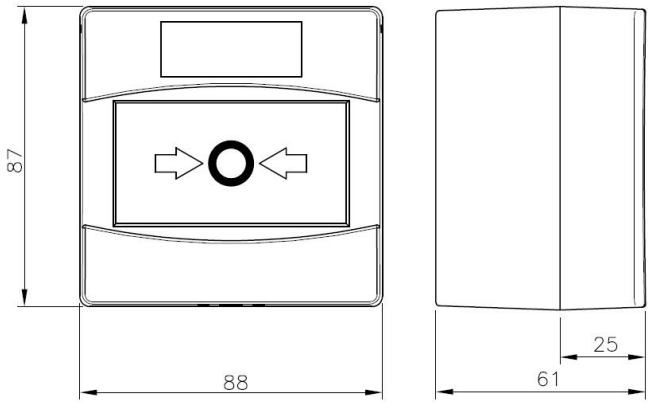
Legacy Wireless Call Point

The Axis EN Wireless Manual Call Point (Axis-RCP) is a fully intelligent device which is compatible with all Axis EN translator and expander modules.

The unit has a resettable plastic element, which displays a drop down warning flag when operated. A key is supplied with the manual call point for reset and case opening.

The product is powered by two batteries with a typical life of 10 years and with same form factor, simplifying stock management. The Manual Call Point can be fitted with an optional transparent cover for protection against accidental operation or with a weatherproof enclosure for use outdoors or in hostile environments.





Features

- Fully compatible with Axis EN range
- Bi-directional wireless digital communications protocol
- 3rd party approval to EN54-11 & EN54-25
- 10-year battery life, standard low cost lithium battery technology
- Resettable element
- Self-optimising wireless frequency and amplitude algorithms
- 3 years standard product warranty

Standards and Approvals

- EN54-11: Manual call points
- EN54-25: Components using radio links and system requirements
- DoP: ARCP

Specification

Operating frequency	868 - 870 MHz
Radio signal modulation type	FSK
Operating frequency channels	7
Communication range with the translator or expander module	150 m (in open space)
IP rating	42
Radiated power	14 dBm (25 mW)
Primary battery type	CR123A (3 V & 1.2 Ah)
Secondary battery type	CR123A (3 V & 1.2 Ah)
Battery lifespan (typical)	10 years
Approved battery voltage range	2.85 V - 3.20 V
Dimensions (H x W x D)	87 mm x 88 mm x 61 mm

Weight	160 g (without batteries)
Maximum humidity allowed (no condensing)	95% RH
Operating temperature range	from -10°C - +55°C

Order Codes and Options

Axis-RCP	Axis EN Wireless Manual Call Point
Axis-CPCI	Transparent Cover for Axis-CP (no text)
Axis-CPKEY	Spare Reset Key for Axis EN Call Point

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Axis EN

Legacy Wireless Mounting Base

This mounting base has been designed for use with any of the Axis wireless detector range.

The base has multiple mounting-hole positions.



Features

- High reliability
- Device locking capability
- Integral device identification tab

Order Codes and Options

Axis-RMB	Axis Wireless Mounting Base

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