Advanced

Axis EN

Wireless Photoelectric Smoke Detector - obsolete

The Axis Wireless Photoelectric Smoke Detector has been designed to fully meet the requirements of European Standard EN54-7 and EN54-25. The detector has the same low profile mechanical design as that of the hard wiredAxis Photoelectric Smoke Detector and incorporates the same advanced features such as a unique symmetrical smoke chamber, double dust trap and a continuous insect screen.

Each device is powered using low cost lithium batteries. Both primary and secondary batteries are continuously monitored for low battery condition which is indicated by an internal LED as well as a fault condition being displayed at the translator module and the fire control panel.

Each detector will automatically adjust its frequency and manage its power radiation in accordance with the signal quality received from theAxis wireless translator module.

Bi-directional communications with the wireless translator is based on a proven protocol and wireless technology and is fast, reliable and provides the highest level of security.

The wireless communications operates on the frequency of 433 MHz.



Features

- Bi-directional communication protocol between all wireless devices
- Rapid, cost effective installation with minimal disturbance
- Fully Intelligent devices
- Up to 32 wireless devices allowed with each translator
- Fully Monitored Primary and Secondary Power Source

Approvals

- Approved to EN54-7 and EN54-25

Specification

Communication range	Up to 200 m (in open space)
Operating frequency	433.05 MHz - 434.79 MHz
Modulation type	FSK
Operating frequency channels	7
Radiated power	5 dBm (3 mW) typical
Transmission message period	60 seconds default
Main battery	Type CR123A 6.5 years typical
Secondary battery	Type CR2032A 2 months typical
Dimensions H x W x D mm	110 x 54
Weight grams	150 g Without Batteries
Operating temperature range	From -30ºC to +55ºC From -10ºC to +55ºC with secondary battery
IP Rating	42 with WP100 silicon protection, 40 without

Order Codes and Options

20-SG100/433-ADV:	Wireless Photoelectric Smoke Detector

Advanced, The Bridges, Balliol Business Park, Newcastle upon Tyne, NE12 8EW, UK T: +44 (0)345 894 7000 E: enquiries@advancedco.com
W: www.advancedco.com

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