

AV-Photoelectric Smoke Detector

Axis analogue detectors are designed around a fully digital protocol.

The analogue addressable photoelectric smoke detector has been designed with a unique symmetrical chamber.

The chamber ensures optimum air entry from all directions and offers immunity to ambient light into the detectors.

A double dust trap protects the smoke chamber from airborne contamination and external light.

A special dust compensation algorithm reduces maintenance periods.

Continuous screen provides a high level of protection from small insects.

Soft and safe addressing allowing accurate configuration of system installation.

The unit provides a fast and secure response, and incorporates a bidirectional short circuit isolator.

A unique range of Decorline finishes are available.



Features

- High reliability and error detection
- Short circuit isolators in each device to the requirements of EN54-17
- Large capacity, up to 240 devices per loop
- Auto addressing capability (by the control panel) or manually using a handheld programmer
- Digital checking of double address
- Line quality information
- Built-in diagnostics, hardware/software drift compensation
- Day / night operation
- 4 selectable alarm thresholds
- 360° visible bicolour (red green) LED driven by the control panel
- Programmable remote LED output

Standards and Approvals

- EN54-7:2000 +A1:2002
- EN54-17:2005
- Approved by BRE/LPCB and certified by the UAE Civil Defence

Specification

| | |
|-----------------------------|--|
| Power Supply | 18-40 V |
| Average Current Consumption | I=70 uA |
| Output driver current | I out=6mA @24Vdc |
| LED current consumption | I led=6mA @24Vdc |
| Operating Temperature Range | -30°C / +70°C |
| Humidity (non condensing) | 95% RH |
| Dimensions H x D mm | 54 x 110 |
| Weight | 130 g |
| IP Rating | 42 with WP100 silicon protection, 40 without |

(*) Product operates down to 15 V, but without LED indication.

Order Codes and Options

20-V100-ADV

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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

As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.