

## AV-Photoelectric Smoke Detector - obsolete

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

AV Photoelectric Smoke Detector

[Check if this document is up to date](#) | [Give us feedback](#)

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

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