

## AV-Multicriteria Detector - obsolete

Axis EN analogue detectors are designed around a fully digital protocol. The analogue addressable multicriteria detector combines a photoelectric and thermal sensing element with a very sophisticated algorithm.

A symmetrical smoke chamber ensures optimal smoke sensitivity from all directions. The double dust trap protects the smoke chamber from airborne contamination and external light. A special dust compensation algorithm reduces maintenance periods.

A single, centrally positioned, thermistor supervises ambient temperature with low thermal inertia.

The detector efficiently analyses the status of the protected area guaranteeing a high rejection to false and unwanted alarms.

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

The unit provides a fast and secure response.

A Unique range of Decorline finishes are available

### Features

- Provides 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 (20-VPU100-ADV)
- Digital checking of double address
- Line quality information
- Bicolour (red green) LED driven by the control panel
- Day / night operation
- 4 selectable alarm thresholds
- Programmable remote LED output

### Standards and Approvals

EN54-5:2000 +A1:2002

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 | 95% RH                                       |
| Dimensions H x D mm              | 110 x 54                                     |
| 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-V200-ADV | AV Multicriteria 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.