Axis EN

# 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



## 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

## 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

## 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 |

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