

AV-Lite Photoelectric Smoke Detector

Axis Lite analogue detectors are designed around a fully digital protocol. The analogue addressable photoelectric smoke detector has been designed with a unique symmetrical chamber and provides a fast and secure response.

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.

The Axis Lite analogue detectors have manual addressing capability by using a handheld programmer (20-VPU100-ADV). The continuous screen provides a high level of protection from small insects and the unit is available in a unique range of Decorline finishes.



Features

- High reliability and error detection
- Digital checking of double address
- Built-in diagnostics, hardware/software drift compensation
- Day / night operation
- 4 selectable alarm thresholds
- 360° visible red LED
- Programmable remote LED output

Approvals

- Approved to EN54-7

Specification

Power Supply (*)	18 V - 40 V
Quiescent Current Consumption	70 μ A
Output Driver Current	$I_{out} = 6 \text{ mA @ } 24 \text{ V}_{DC}$
LED Current Consumption	$I_{LED} = 6 \text{ mA @ } 24 \text{ V}_{DC}$
Operating Temperature Range	-30°C - 70°C
Humidity (non condensing)	95% RH
Dimensions D x H	110 x 54 mm
Weight	130 g
IP Rating	42 with 20-WP100-ADV silicon protection, 40 without

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

Order Codes and Options

20-LV100-ADV	AV Lite Photoelectric Smoke Detector
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