

Analogue Multi-Sensor ST-AMD-I



Features

- ▶ User selectable modes
- ▶ Incorporates Optical & Heat elements
- ▶ Removable, High Performance Chamber
- ▶ Twin LEDs allow 360° viewing – green when polling, turn red in fire
- ▶ Pulsing/non-pulsing controlled from panel*
- ▶ Variable sensitivity
- ▶ Electronically Addressed
- ▶ LPCB & VdS approved to classes A1 & C
- ▶ SIL Level 2 approved variants available
- ▶ Available in white

Description

Model ST-AMD-I is a Multi-Sensor, which is fully compatible with ESP Analogue Addressable Protocol, and incorporates a thermal element and High Performance photoelectric smoke chamber.

The ST-AMD-I has three modes, which are controlled from the Control Panel, allowing either the optical element or thermal element or both elements to be active in making the fire decision. The sensor polling LEDs can be controlled via the Control Panel (pulsing/non-pulsing). The ST-AMD-I smoke chamber can easily be removed or replaced for easy maintenance.

Specification	
Ordering Code	ST-AMD-I ST-AMD-W
Operating Voltage	17 – 41 V d.c.
Low Power Mode (typ)	120 μ A
Quiescent Current (typ)	400 μ A
Alarm Current (controlled by CIE)	9.1 mA (excluding remote indicator)
Transmission Method	Digital Communications Using ESP
Operating Temperature Range	-10 °C to + 50 °C
Operating Humidity	95%RH - Non Condensing (at 40 °C)
Storage Temperature Range	-30 °C to +60 °C
Storage Humidity	<80% RH at 60 °C
Colour / Case Material	Ivory or White / Polycarbonate
Weight (g)	95
Diameter (mm) / Height (mm)	100 / 45
Compatible Bases	ST-ABI-W ST-ABI-SCR, ST-ABS-W, ST-ABSF-WWL, ST-ABI-SCW
Base Fixing Centres (mm)	48 ~ 74
Approvals	LPCB & VdS approved to classes A1 & C

*Control Panel compatibility required