DATA SHEET

Addressable intelligent Smoke Detector

Model - AU101SD

Features:

- Ultra sensitivity

- Real time smoke level info

- Discrimination of dust contamination and smoke

- Soft addressing

- Corrosion protection

- Remote Sensitivity alteration

- Remote test facility

- Bi-colour LED to indicate healthy and alarm condition.

- Dual LED for 360 deg viewing.

- Transient voltage protection up to 2.4KV

Airlight Addressable smoke detector

1. Addressable smoke detectors detect smoke particles and accurately measure their density.

2. Airlight offer additional features, such as the ability to set user-defined pre-alarms.

3. During the pre-alarm stage, the control panel activates an internal alarm sounder, providing an early warning limited to support staff.

4. When the smoke density surpasses the main alarm threshold, the control panel can activate external alarm devices like sirens and strobe lights, indicating a more significant fire event.

5. Addressable smoke detectors function digitally, allowing communication between individual detectors and the control panel.
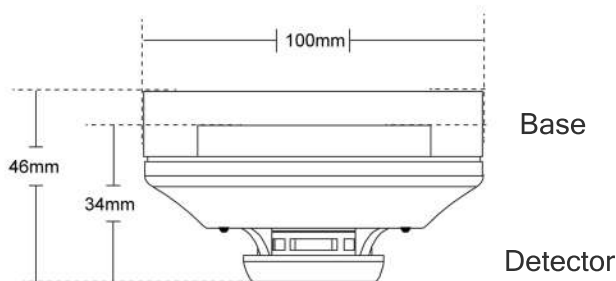
Complied with:
UL 268-6th Edition
EN 54-Part 7
IS   11360

6. This communication capability enables sensitivity adjustments, control functions, and the assignment and modification of unique identification codes.

7. The flexibility and customization options of addressable detectors make them well-suited for diverse building layouts and specific requirements.

8. When smoke detector exceeds tolerances level of contamination. It provides contaminated alarm

Electrical specifications

Operating voltage	18-24V DC
Quiescent current	200uA
Alarm current	1mA

General specifications

Smoke sensitivity	0.5 - 3.5 %obs/foot
Operating temperature	-10ºC to 55ºC
Storage temperature	-10ºC to 60ºC
Humidity	0-95% RH (Non-condensing)
Colour	White
Housing	Polycarbonate
Contact Clamp	Stainless steel

Base

Detector

Weight :

Detector weight-73g

Detector base weight-40g

Indications

Normal indicator	Green LED (Blinks during scan)
Alarm indicator	Red LED (Glows steady)

www.airlight.in

All technical features and datas are subject to change without notice resulting from continuous development and improvement

DS-A01-V1-19/07/2023