DATA SHEET

![Airlight logo — THINKING AHEAD]

Addressable intelligent Multisensor

Model - AU101MD

Features:

- Ultra sensitivity

- Real time smoke level and temperature 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

Addressable Multisensor combines smoke and heat detection capabilities. The smoke sensor monitors smoke presence, while the thermal sensor continuously monitors temperature. Both sensors activate when their set thresholds are crossed.Real-time temperature and smoke data, along with unique IDs, are promptly transmitted to the control panel upon detection.

Users can define pre-alarm and main alarm settings for smoke and temperature based on the site situation. The touchscreen displays real-time temperature and smoke levels, providing important information for rescue support staff.

The sensor also provides a contaminated alert signal to the control panel when the smoke sensor exceeds contamination tolerances, indicating the need for maintenance.

Complied with:
UL 268-6th Edition
     521-7th Edition
EN 54-Part 7 & 5
IS   11360 & 2175

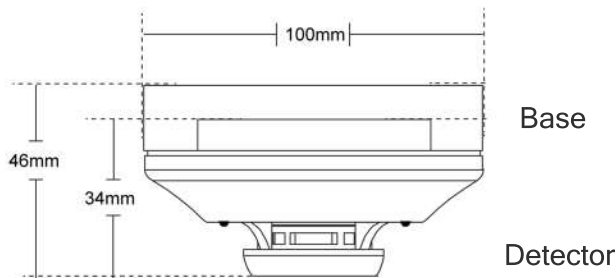Addressable Multisensors function digitally, enabling communication between the control panel and individual detectors. Various settings, such as sensitivity levels and control functions, can be adjusted, and unique IDs can be set and changed for easy identification and management.

The Addressable Multisensor offers greater flexibility and customization options compared to conventional detectors, ensuring a tailored and efficient fire detection solution.

Electrical specifications

Operating voltage	18-24V DC
Quiescent current	200uA
Alarm current	0.5mA

General specifications

Smoke sensitivity	0.5 - 3.5 %obs/foot
Thermal sensitivity	20ºC to 60ºC
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)