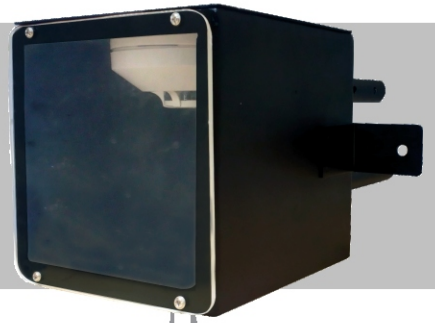
Airlight
THINKING AHEAD

Addressable Intelligent Duct Smoke Detector

Model No - AU101DSD



- Soft addressing
- Contamination alarm
- Real time smoke info
- Remote test facility from the panel
- Remote sensitivity alteration from the panel
- Electrical supervision
- Insect-resistant screening
- Address can be changed from the panel
- Easy to maintain/service
- Dual bi-color LED indication for 360°viewing angle
- Transient voltage protection upto 2.4KV
- Corrosion protection

Overview:

This Addressable Intelligent Duct Smoke detector is a networkable instrument that houses smoke sensor for monitoring the level of smoke in the airstream of duct work sections of the HVAC air handling system. Its unique feature is to provide the live smoke level to the control panel for real time monitoring purpose.

Specification

Electrical Specifications

Operating voltage	17-27V DC
Quiescent current	200uA
Alarm current	1mA

Indications

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

Complied with:

UL 268-6th Edition
EN 54-Part 7
IS 11360

General Specifications

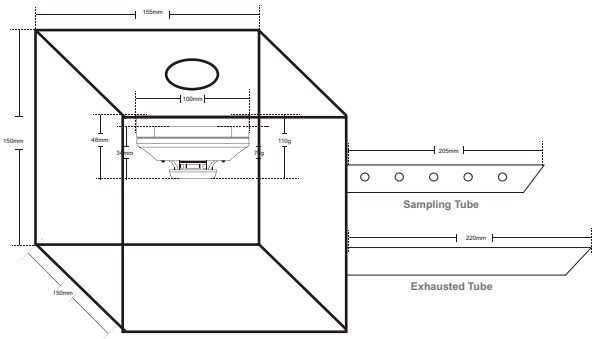
Smoke sensitivity	0.5 - 3.5 %obs/foot
Operating temperature	0ºC to 49ºC
Storage temperature	5ºC to 40ºC
Humidity	0-95% RH (Non-condensing)
Color	White
Compatibility	AU101X Protocol
Detector Contact Clamp	Stainless steel
Housing Material	16 Gauge Cold Rolled sheet
Detector Housing	Polycarbonate
Back Box	Black Matte
Front Cover	Acrylic sheet

Mechanical Specifications

Dimensions(LxBxD)	155x150x150mm
Sampling Tube	205mm
Exhausted Tube	220mm

Weight

Without Detector 1710g **With Detector** 1820g



DATASHEET