Aspiris Indigo

Product Overview

The Aspiris Indigo ASD range has two (2) variants with all products being networkable as well as two relay outputs. All Aspiris Indigo devices feature ten (10) fan speeds.

The Aspiris Indigo range is also compatible with the Aspiris Remote Display Unit.

H10

The Aspiris Indigo H10 is a single pipe device. The H10 is a cost-effective device that supports class A/B/C requirements for Aspirating Smoke Detection. The H10 can be used as an ASD that supports one (1) Zone.

H11

The Aspiris Indigo H11 is a single pipe device. The H11 is a cost-effective device that supports class A/B/C requirements for Aspirating Smoke Detection. The H11 can be used as an ASD that supports one (1) Zone. The H11 also detects Carbon Monoxide.

Both the Aspiris Indigo H10 and H11 come with optional adapters to enable the connection directly to 8mm capillary pipe or standard 25mm OD ASD sampling pipe.



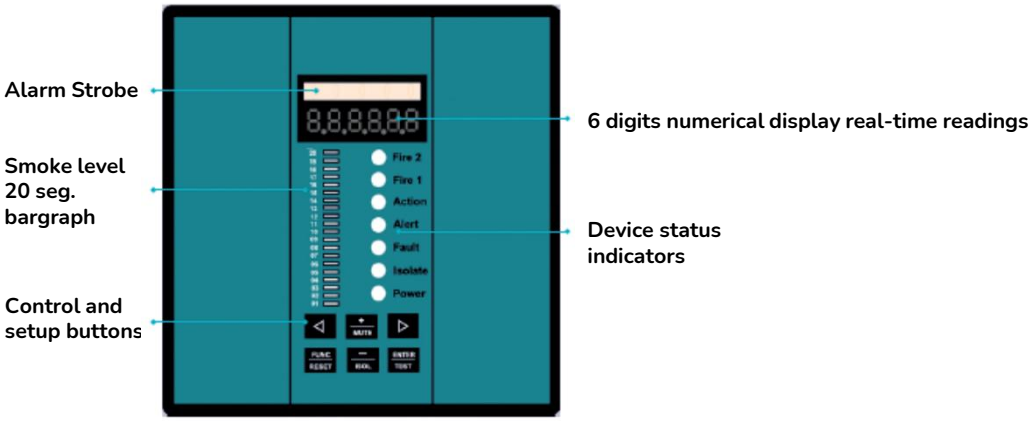
Aspiris Indigo H10/H11



The Capillary Tube Adaptors, mounted in the Indigo CSD-H air sample inlet and outlet port

The enclosure for the H10 and H11 are identical.

Item Numbers	
Aspiris Indigo H10	7100-3500
Aspiris Indigo H11	7100-3501
Aspiris Remote Display Unit (RDU)	7100-4000



Aspiris Remote Display Unit 7100-4000

Specification

INDIGO CSD SERIES	
Sensitivity	High Sensitivity
Smoke sensor	0.02%/m Smoke Sensor
CO sensor	CSD - H11 only

SPECIFICATION	INDIGO CSD-H10	INDIGO CSD-H11
Smoke detection light source	High power blue LED	
Smoke detection principle	Forward light scattering mass detection	
Smoke detection range	0.02~25%/m	
Alarm sensitivity	0.1~ 12.5%/m	
Sampling pipe/tube	Pipe: OD 25 mm; Capillary tube: OD 8 mm	
Max. capillary tube/pipe length	30 m*	
Max. no. of sampling holes (Class A/B/C)	2/4/4*	
Alarm levels and time delay	Alert (0~60 sec.) Action (0~60 sec.) Fire-1 (0~60 sec.) Fire-2 (0~60 sec.)	
Numerical display	Yes (4 digit)	
LED indicators	5-color (Green/Yellow/Blue/Red/Purple) status bar	
Alarm strobe	Yes	
Alarm flashing mode	Slow, Fast, Burst	
Environment smoke learning	24 hours, 365 days non-stop environmental background level learning	
Flow detection principle	Heat mass detection	
Flow monitoring	• Pipe flow normalized to 100% • Flow high and low flow faults • Adjustable flow detection sensitivity • Adjustable flow fault threshold	
Aspirator	Yes	
Aspirator speed adjustment	10	
CO sensor	H10 - No	H11 - Yes
CO detection range	NA	0-1000 ppm
Relay output	2 relays (configurable) Rating: 2A @ 30 Vdc	
General purpose inputs **NOTE:** UDI - User Defined input	1 x GPI (configurable) **GPI Functions:** RESET/ISOLATE/MUTE/ TEST/MAINS FAULT/BATT. FAULT/POWER FAULT/SENSITIVITY MODE 1/SENSITIVITY MODE 2/SCAN/UDI-1/UDI-2/UDI-4/UDI-5	
Communication	• RS485 network • Max. number of devices on network: 250 • Max. total cable length for all Indigo CSD: 1.2 km • Supports Modbus RTU open protocol	
Event logs	• Number of Events: 180,000 • Event type: Alarm/Fault/Operation/Smoke/Flow/Auxiliary Sensors	
Voltage	9.6~28.8 Vdc	
Current @24V	71 mA	
Dimension	100(h) x 227.3(w) x 47.8(d) mm (4"(h) x 9"(w) x 2"(d))	
Weight	0.725 kg	
Operating conditions	• Ambient temperature: 0 ~ 40°C • Sampling air temperature: -20 ~ 60°C • Humidity: 10~95% RH non-condensing	