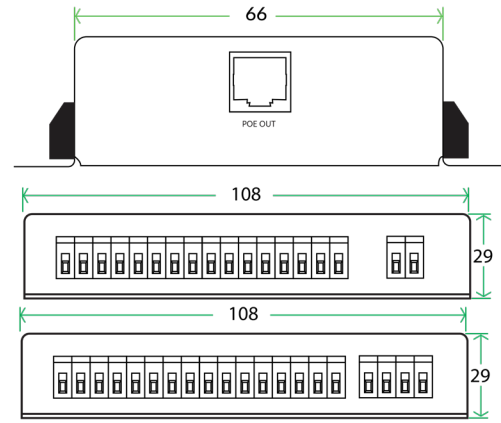
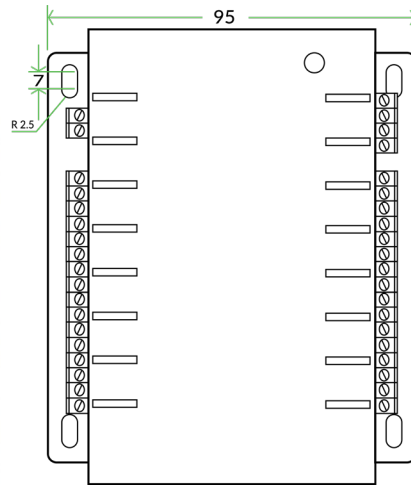
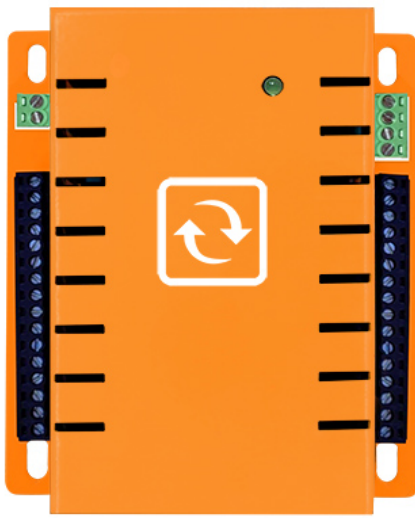




Dry Contact Sensor Probe (IND-IO)



units in mm

The InfraSensing IO sensor, equipped with 16 dry contact inputs and 4 dry contact outputs, monitors and controls electrical devices such as alarms, generators, relays, valves, fans, and HVAC systems. Beyond defining the normal state, it allows setting a minimum duration before triggering an alarm. The 4 outputs enable equipment control, enabling actions like starting a backup air conditioning unit or initiating a pump in response to water leaks. Each gateway supports one I/O sensor probe, and it is not compatible with an expansion hub.

Sensor Metrics:

Dry contact inputs	16
Dry contact outputs	4
Power output	12 VDC power out to power attached devices (for example smoke, motion, door sensors) - max 700mA
Contact polling rate	min 1 second

Technical Specifications:

Powered by and communicates with	Base Unit (BASE-XX) (required)
Connectivity	RJ45 cable transmitting data & power from Base Unit to Sensor
Cable specification	RJ45 CAT 6/7 recommended Up to 100m (330ft) subject to cable quality & interference
Sensor power usage	371 mW

Environmental Specifications:

Operating temperature range	0°C to +75°C (32°F to +167°F)
Humidity (operating and storage)	< 90% rH (non-condensating)

Physical Specifications:

Sensor enclosure	Steel enclosure, industrial grade
Mounting option	OU rack, DIN rail, magnetic, or wall mountable sensor
Dimensions	95mm (3.74") x 108mm (4.25") x 29mm (1.14")
Weight	221.5g (0.488lbs)