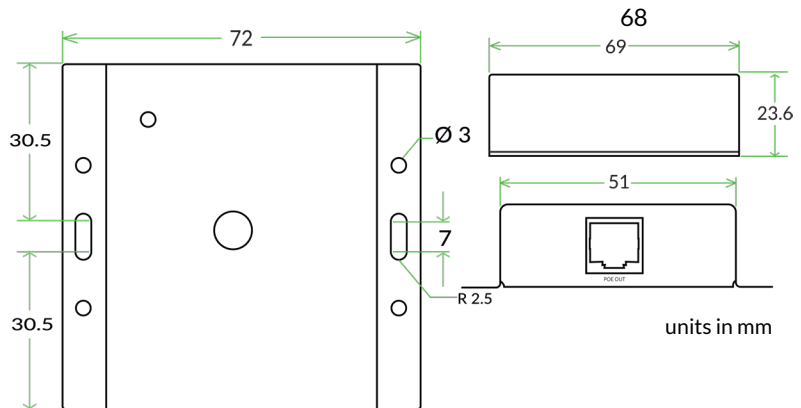




Daisy Chain Infrared Spot Sensor (DAISY-THIMG-IRSPOT)



Industrial digital SNMP & Modbus TCP sensor designed for contactless temperature monitoring inside enclosures. The sensor returns the average temperature of everything within its field of view. Can connect up to 20 THIMG-DAISY-IRSPOT sensors per daisy chain and only 1 IP address required for every daisy chain. The power requirement is a minimum of 9V for each sensor inside the chain.

Sensor Metrics:

Temperature accuracy	$\pm 0.5^{\circ}\text{C}$ ($\pm 0.9^{\circ}\text{F}$) accuracy from 0°C - 50°C (32°F to 122°F)
Field of View (FoV)	5° , 12° , 35°
Resolution	0.02°C / 0.036°F
Temperature reading	-70°C to $+380^{\circ}\text{C}$ (-94°F to $+716^{\circ}\text{F}$) in PoE mode
Reading	in Celsius or Fahrenheit

Technical Specifications:

Powered by and communicates with	Base Unit (BASE-XX) (required) Requires the optional BASE-FW-SSLS firmware add on for the Base Unit
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	60 mW

Environmental Specifications:

Operating temperature range	0°C to $+75^{\circ}\text{C}$ (32°F to 167°F)
Humidity (operating and storage)	< 90% rH (non-condensating)

Physical Specifications:

Sensor enclosure	Steel enclosure, industrial grade
Mounting option	0U rack, DIN rail, magnetic, or wall mountable sensor
Dimensions	72mm (2.83") x 68mm (2.68") x 23.6mm (0.93")
Weight	114.9g (0.253 lbs)
Maximum length of THIMG-IRSPOT daisy chain	Up to 20 sensors per base unit within 100m/330ft cable length Longer distances possible with optional DAISY-BOOSTER