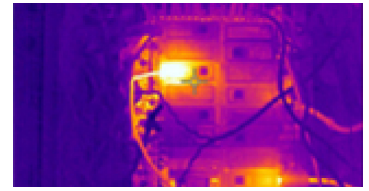
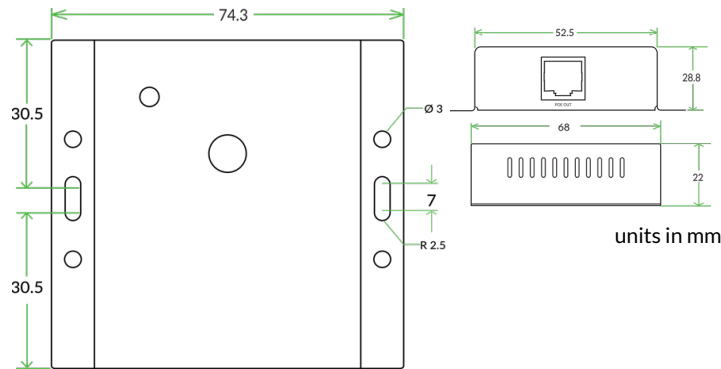




Thermal Image IR Sensor (THIMG-XS)



192 points (x-small)



A regular temperature sensor provides you with the temperature of the air surrounding the sensor. The thermal camera sensors provide you with the temperature of the objects & equipment it sees. The world's first SNMP & Modbus thermal camera sensor that tells you the temperature of what it actually sees. 192 temperature measurement points in one image, analysed every 2 seconds. Minimum and maximum temperature data is available to industrial and IT automation platforms via Modbus TCP or SNMP.

Certifications:

UL Listing 62368

Sensor Metrics:

Target temperature range	-40°C to 300°C (-40°F to 572°F)
Temperature accuracy	± 1.5°C (±2.7°F)
Field of View (FoV)	110° horizontal (wide) 75° vertical
Max object distance	<2m
Resolution	16x12 pixels

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
Power usage	492 mW

Environmental Specifications:

Operating temperature range	-10°C to +85°C (14°F to 185°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	74.3 mm (2.9") x 68 mm (2.6") x 28.8 mm (1.06")
Weight	650g (0.144lbs)