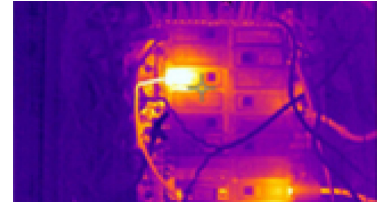
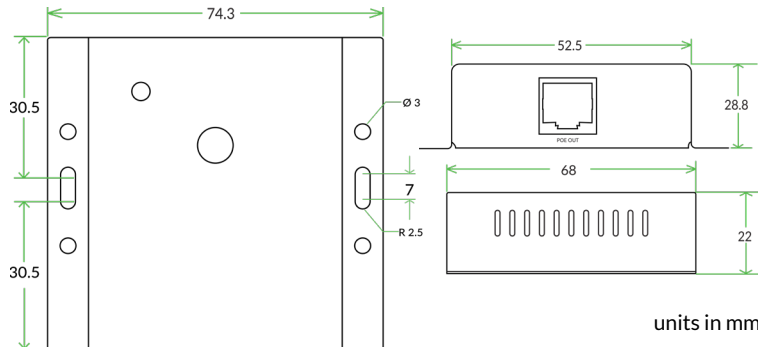




# Thermal Image IR Sensor (THIMG-L-2)



19200 points (large)



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. 19200 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:

Scene dynamic range	High gain mode (lower temperature): -10°C to 140°C (14°F to 284°F) Low gain mode (higher temperature): -10°C to 450°C (14°F to 842°F)
Temperature accuracy	High gain mode (lower temperature): ±5°C (±9°F) or 5% Low gain mode (higher temperature): ±10°C (±18°F) or 10%
Field of View (FoV)	95° horizontal 119° diagonal
Max object distance	45m
Resolution	160x120 pixels

## Technical Specifications:

Powered by and communicates with	Base Unit (BASE-XX) (required) Requires the optional BASE-FW-SLS 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	492 mW

## Environmental Specifications:

Operating temperature range	-10 °C to +80 °C (14 °F to 176 °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)