Thermal Image IR Sensor (ENV-THIMG-M)

TOP VIEW

SIDE VIEW

4800 points (medium)

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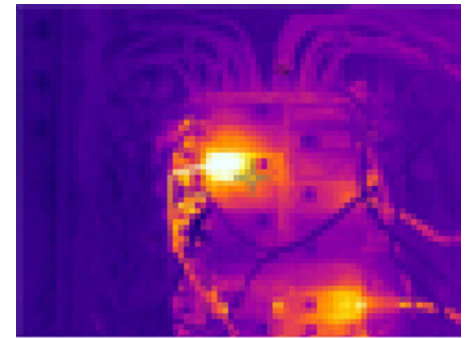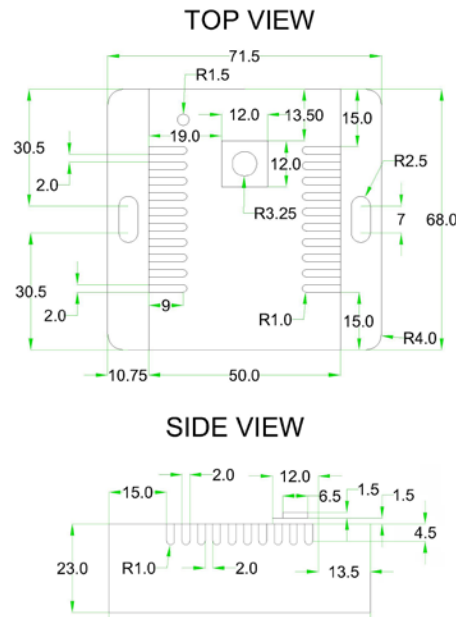
General Description

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. 4800 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.

Key Features

- plugs into the base unit (BASE-WIRED).
- powered by the base unit (BASE-WIRED).

- Can detect IR heat from up to approximately 45m/147ft.
- Field Of View (FOV): 51° horizontal - 63° vertical.
- Reading in Celcius or Fahrenheit

Technical Specifications

Power Source:	SensorGateway (BASE-WIRED)
Power Usage	492 mW
Thermal sensitivity:	<50 mK (0.050° C / 32.09° F)
Temperature Accuracy:	+/- 5°C / 41°F from 0°C to +65°C / 32°F to 149°F
Field of View (FOV)	51° horizontal - 63° vertical
Spectral range:	Longwave infrared, 8 µm to 14 µm
Resolution:	80x60 pixels

Environmental and Physical Specification

Operating temperature range	-10°C to +65°C (14°F to +149°F) in PoE mode
Humidity (operating and storage)	< 90% rH (non-condensating).
Dimensions	74 mm (2.9") x 66 mm (2.59") x 22 mm (0.8")
Weight	0.15kg (0.33 lbs.)

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