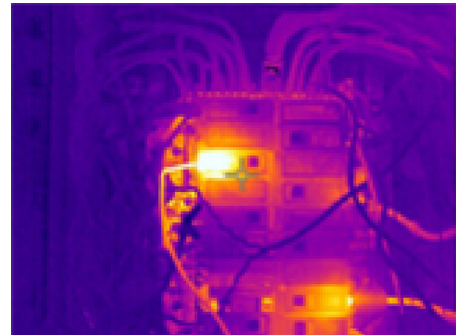
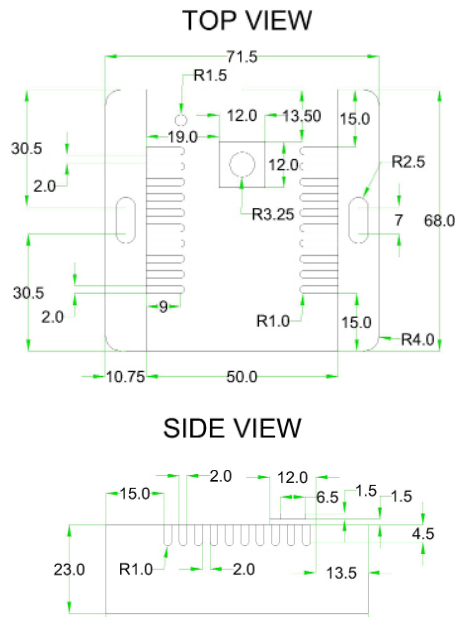




Thermal Image IR Sensor (ENV-THIMG-L)



19200 points (large)

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. 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.

Key Features

- plugs into the base unit (BASE-WIRED)
- powered by the base unit (BASE-WIRED)
- can be OU rack, din rail, magnetic, or wall mounted
- reading in Celcius or Fahrenheit
- can detect object temperature from -10°C to 450°C
- up to 5 thermal camera sensors supported (by connecting to SensorHub)
- outputs minimum and maximum temperatures per zone
- can add up to 4 zones

Technical Specifications

Power source	SensorGateway (BASE-WIRED)
Power usage	492 mW
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 or 5% Low gain mode(higher temperature): ± 10°C or 10%
Field of View (FoV)	56° horizontal(narrow) 71° diagonal
Resolution	160x120 pixels

Environmental and Physical Specification

Operating temperature range	-10°C to +65°C (14°F to 149°F)
Humidity (operating and storage)	< 90% rH (non-condensating)
Dimensions	71.5 mm (2.8") x 68 mm (2.7") x 23 mm (0.9")
Weight	0.112kg (0.25 lbs)