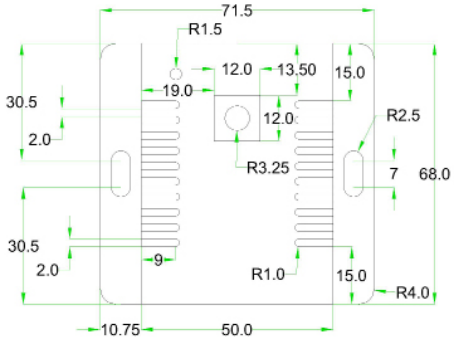
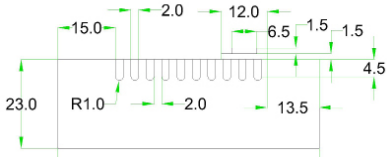
Sensor Page | Store Page

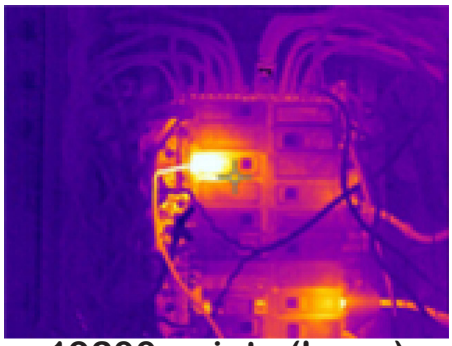
Thermal Image IR Sensor (ENV-THIMG-L)

TOP VIEW



SIDE VIEW





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. 9600 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 monitor temperature up to 4 zones
- can detect IR heat from up to approximately 45m/147ft
- reading in Celcius or Fahrenheit
- up to 6 thermal camera sensors supported (by connecting to SensorHub)

Technical Specifications

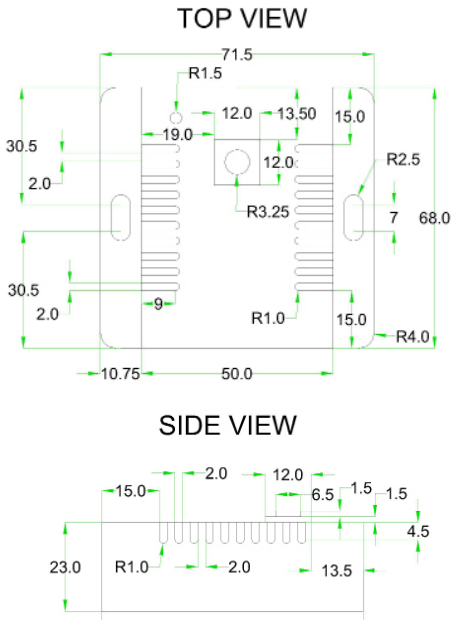
Power source	SensorGateway (BASE-WIRED)
Power usage	492 mW
Thermal sensitivity	<50 mK (0.050° C / 32.09° F)
Temperature accuracy	+/- 5°C / 41°F from 0°C to +65°C / 32°F to 149°F
Field of View (FOV)	56° horizontal(narrow) 71° vertical
Spectral range	Longwave infrared, 8 µm to 14 µm
Resolution	160x120 pixels

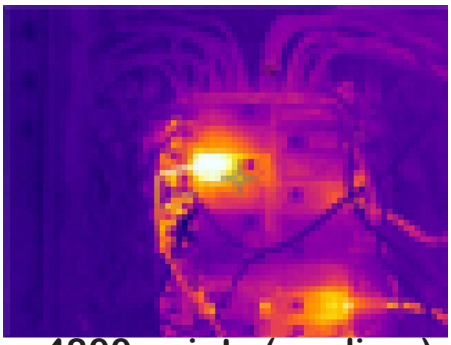
Environmental and Physical Specification

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)

Thermal Image IR Sensor (ENV-THIMG-M)

Sensor Page | Store Page





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 monitor temperature up to 4 zones
- can detect IR heat from up to approximately 45m/147ft
- reading in Celsius or Fahrenheit
- up to 6 thermal camera sensors supported (by connecting to SensorHub)

Technical Specifications

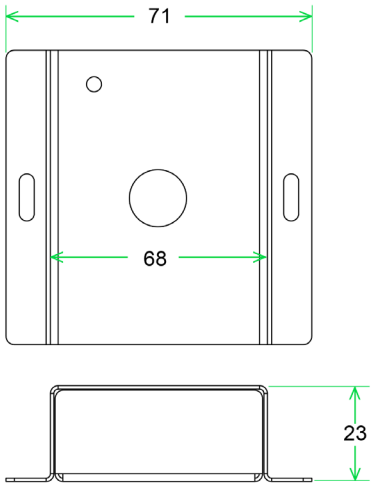
Power source	SensorGateway (BASE-WIRED)
Power usage	492 mW
Thermal sensitivity	<50 mK (0.050° C / 32.09° F)
Temperature accuracy	+/- 5°C / 41°F from 0°C to +65°C / 32°F to 149°F
Field of View (FOV)	51° horizontal(narrow) 63° vertical
Spectral range	Longwave infrared, 8 µm to 14 µm
Resolution	80x60 pixels

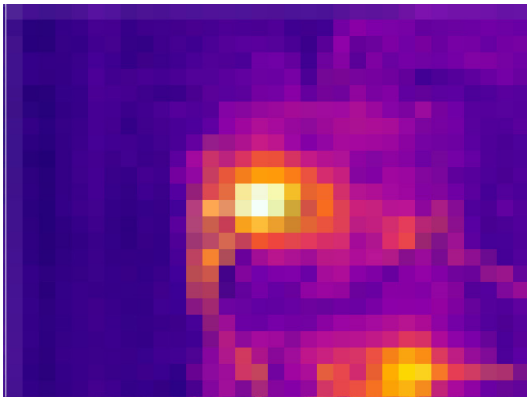
Environmental and Physical Specification

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)

Thermal Image IR Sensor (ENV-THIMG-S)

Sensor Page | Store Page





768 points (small)

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. 768 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 monitor temperature up to 4 zones
- can detect IR heat from less than 2m/6.5ft
- reading in Celcius or Fahrenheit
- up to 6 thermal camera sensors supported (by connecting to SensorHub)

Technical Specifications

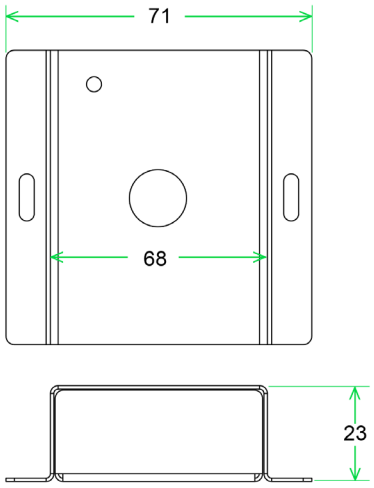
Power source	SensorGateway (BASE-WIRED)
Power usage	492 mW
Thermal sensitivity	<50 mK (0.050° C / 32.09° F)
Temperature accuracy	+/- 5°C / 41°F
Object temperature	-40 °C to 300 °C / -40 °F to 572 °F
Field of View (FOV)	110° horizontal(wide) 75° vertical
Spectral range	Longwave infrared, 8 µm to 14 µm
Resolution	32x24 pixels

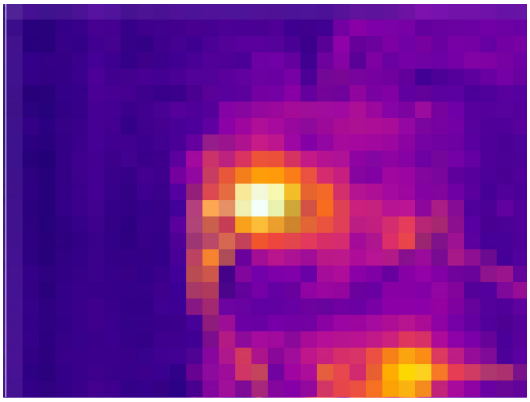
Environmental and Physical Specification

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)

Thermal Image IR Sensor (ENV-THIMG-XS)

Sensor Page | Store Page





192 points (x-small)

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. 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.

Key Features

- plugs into the base unit (BASE-WIRED)
- powered by the base unit (BASE-WIRED)
- can monitor temperature up to 4 zones
- can detect IR heat from less than 2m/6.5ft
- reading in Celcius or Fahrenheit
- up to 6 thermal camera sensors supported (by connecting to SensorHub)

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
Object temperature	-40 °C to 300 °C / -40 °F to 572 °F
Field of View (FOV)	110° horizontal(wide) 75° vertical
Spectral range	Longwave infrared, 8 µm to 14 µm
Resolution	16x12 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)