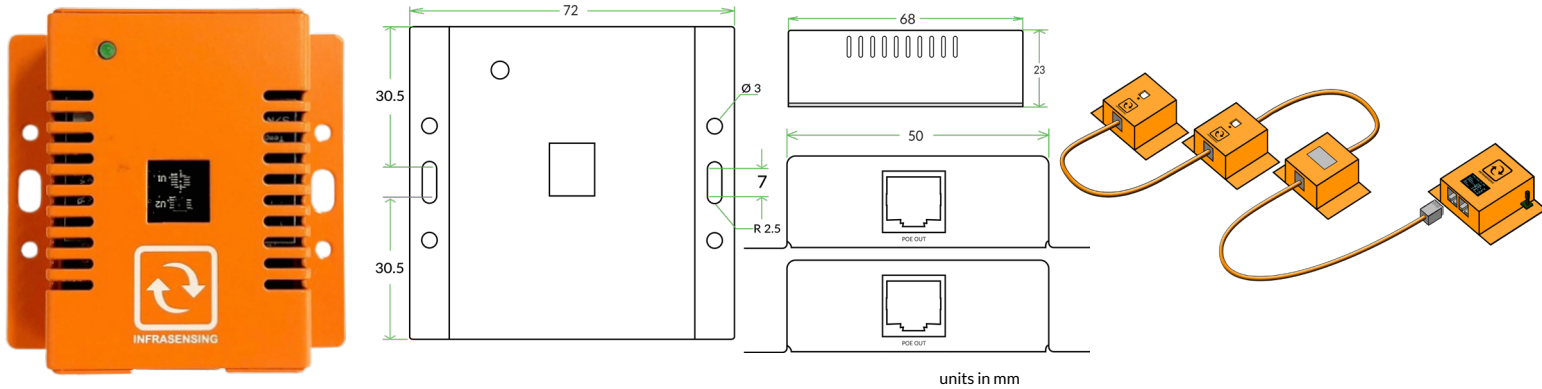




Daisy Chain Temperature and Humidity Sensor (DAISY-THUM)



Designed for monitoring temperature and humidity levels within critical facilities such as data centers, server rooms, and cabinets.

Certifications:

IEC 61000, CE and EMC certified

Sensor Metrics:

Temperature resolution	0.01°C (0.018°F)
Temperature accuracy	±0.2°C (±0.36°F) from 0°C to 90°C (32°F to 194°F)
Temperature reading	-40°C to 125°C (-40°F to 257°F)
Reading unit	in Celsius or Fahrenheit
Relative humidity resolution or precision	0.01%RH
Relative humidity accuracy	±2%RH between 0%RH to 100%RH
Relative humidity long term stability	<0.25 %RH/year

Technical Specifications:

Powered by and communicates with	Base Unit (BASE-XX) (required) DAISY-STARTER (required) serves as the controller for the daisy chained sensors
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	120 mW Minimum power supply to sensor 9V (note that when voltage drops below 9V then a DAISY-BOOSTER is required)
Number of daisy chain sensors	Up to 40 sensors supported with BASE-IT-5 (requires FW v9.3 or higher) Up to 80 sensors supported with BASE-IND-6

Environmental Specifications:

Operating temperature range	0°C to +75°C (32°F to +167°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	68 mm (2.68") x 72 mm (2.83") x 28 mm (1.10")
Weight	120g (0.26lbs)