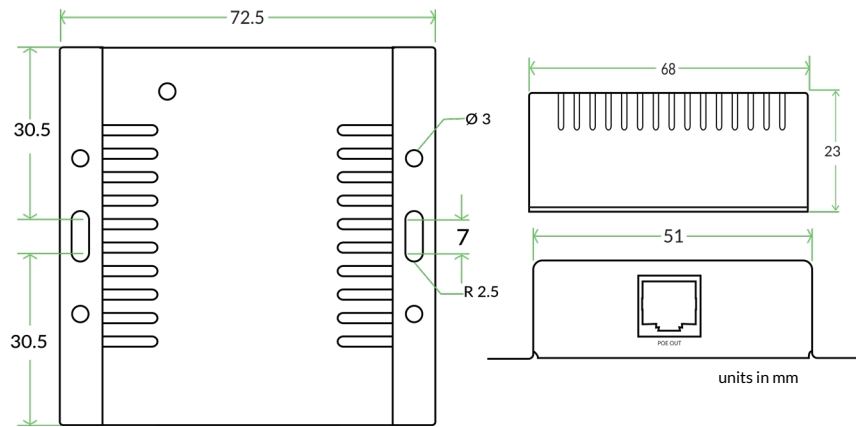# Daisy Chain Temperature Sensor (DAISY-TEMP)

units in mm

Designed for monitoring temperature and humidity levels inside data centers, server rooms, cabinets and other critical facilities. Offers optional calibration certificates. With a streamlined setup requiring only one IP address for every daisy chain, it can seamlessly connect up to 15 DAISY-TEMP sensors.

Sensor Metrics:

Temperature resolution	0.01°C (32.02°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

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

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	0U rack, DIN rail, magnetic, or wall mountable sensor
Dimensions	68 mm (2.68") x 72.5 mm (2.85") x 23 mm (0.91")
Weight	120g (0.26lbs)
Maximum length of daisy chain	Up to 15 sensors per base unit within 100m/330ft of total length Longer distances possible with optional DAISY-BOOSTER