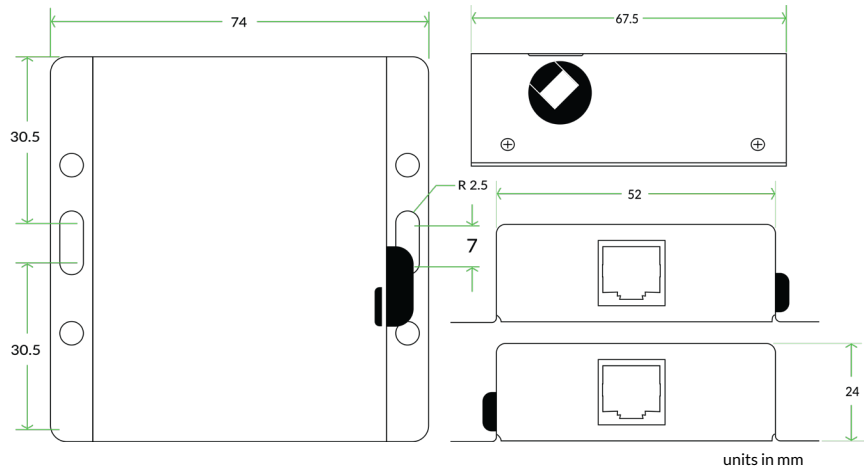




# Daisy Chain Temperature Magnet Sensor (DAISY-TEMP-MAGNET)



This sensor was designed to monitor temperature in applications where our traditional temperature sensors can't be used. The magnetic probe can be attached to any metal surface and measure its temperature and has a high temperature silver plated shielded wire with strong magnetism and strong absorption. The power requirement is a minimum of 9V for each sensor inside the chain.

## Sensor Metrics:

Temperature precision	±0.1°C (0.18 °F)
Temperature accuracy	±0.25% (0.45 °F)
Temperature range	-50°C to to 200°C (-58°F to 392°F)

## Technical Specifications:

Powered by and communicates with	Base Unit (BASE-XX) (required)
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	74mm (2.9") x 67.5 mm (2.7") x 24 mm (0.9")w
Weight	120g (0.26lbs)
Maximum length of daisy chain	Up to 20 sensors per base unit within 100m/330ft of total length Longer distances possible with optional DAISY-BOOSTER