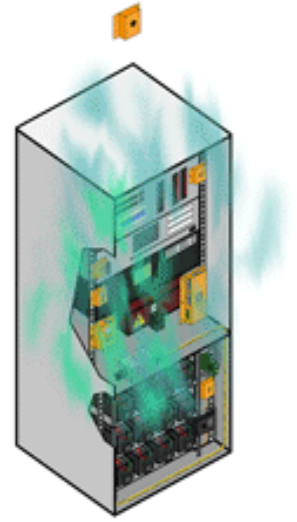
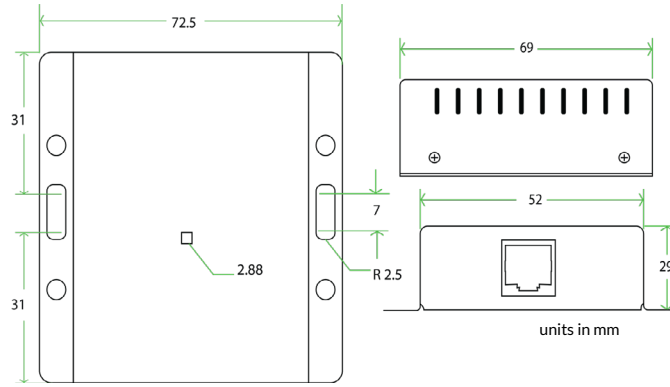




## VOC, Temperature and Humidity Sensor (GAS-VOC)



Designed for monitoring off-gas in battery systems. Measures Volatile Organic Compound(VOC), Temperature and Humidity.

### Certification and Calibration:

UR61010 - UL Recognized
ISO17025 certified for temperature sensor

### Sensor Metrics:

VOC measurement output range	0-500 VOC Index
VOC repeatability	<±5 VOC index points or % mass volume W (m.v.)
Temperature measurement range	-40°C to 125°C
Temperature accuracy	± 0.48 °C (0.86 °F)
Relative humidity measurement range	0 to 100 % RH
Relative humidity accuracy	2 % RH
Life span	up to 10 years

### Technical Specifications:

Powered and communicates with	Base Unit (BASE-XX) (required) Requires the optional BASE-FW-SSLS firmware add on for the Base Unit
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:

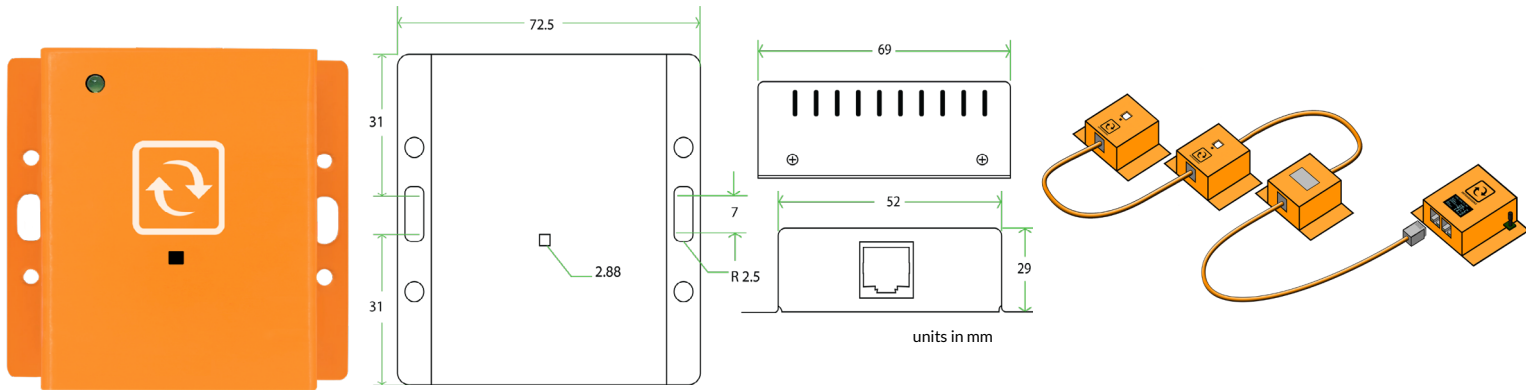
Operating temperature range	-10°C to +50°C (14°F to +122°F)
Humidity (operating and storage)	0-90% RH (non-condensating)

### Physical Specifications:

Sensor enclosure	Steel enclosure, industrial grade
Mounting option	OU rack, DIN rail, magnetic, or wall mountable sensorw
Dimensions	72.5mm (2.85") x 69mm (2.72") x 29 mm (1.14")
Weight	193g (0.43lb)



# Daisy Chain VOC, Temperature and Humidity Sensor (DAISY-VOC)



Measures Volatile Organic Compound(VOC), Temperature and Humidity. Also, has the capacity to connect up to 25 DAISY-VOC sensors.

## Certification and Calibration:

UR61010 - UL Recognized
ISO17025 certified for temperature sensor

## Sensor Metrics:

VOC measurement output range	0-500 VOC Index
VOC repeatability	<±5 VOC index points or % mass volume W (m.v.)
Temperature measurement range	-40°C to 125°C
Temperature accuracy	± 0.48 °C (0.86 °F)
Relative humidity measurement range	0 to 100 % RH
Relative humidity accuracy	2 % RH
Life span	up to 10 years

## Technical Specifications:

Powered by and communicates with	Base Unit (BASE-XX) (required) Requires the optional BASE-FW-SSLS firmware add on for the Base Unit 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	-10°C to +50°C (14°F to +122°F)
Humidity (operating and storage)	0-90% RH (non-condensating)

## Physical Specifications:

Sensor enclosure	Steel enclosure, industrial grade
Mounting option	0U rack, DIN rail, magnetic, or wall mountable sensor
Dimensions	72.5mm (2.85") x 69mm (2.72") x 29 mm (1.14")
Weight	193g (0.43lb)
Maximum length of daisy chain	Up to 25 sensors per base unit within 100m/330ft of total length longer distances possible with optional DAISY-BOOSTER