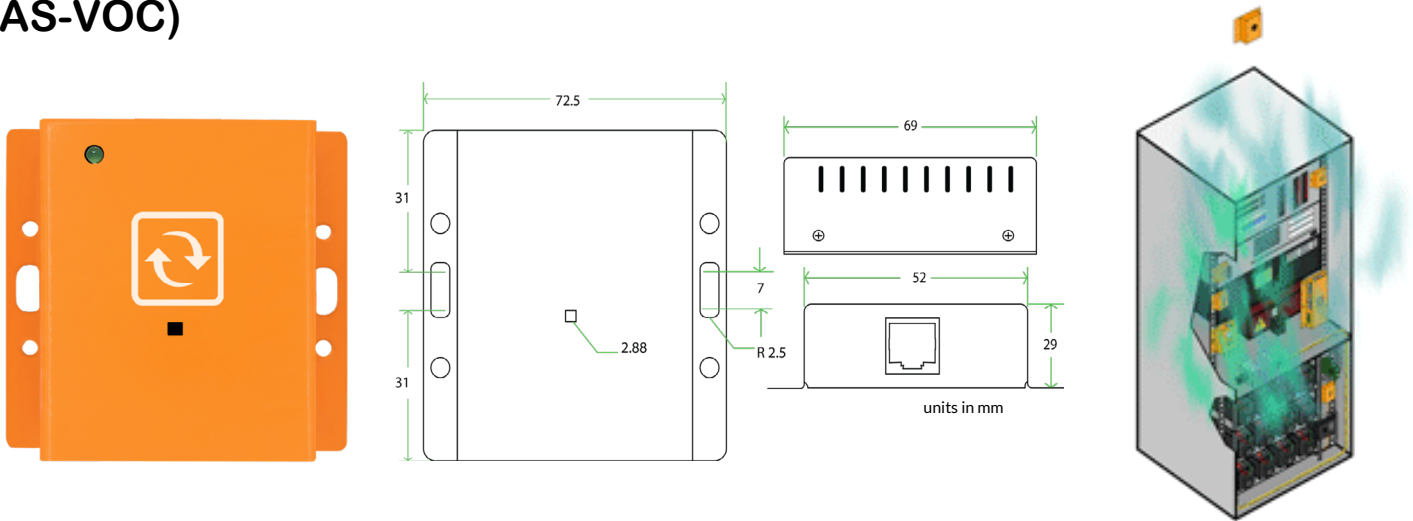




VOC, Temperature and Humidity Sensor (GAS-VOC)



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

Certification and Calibration:

UL Listing 61010-1
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)