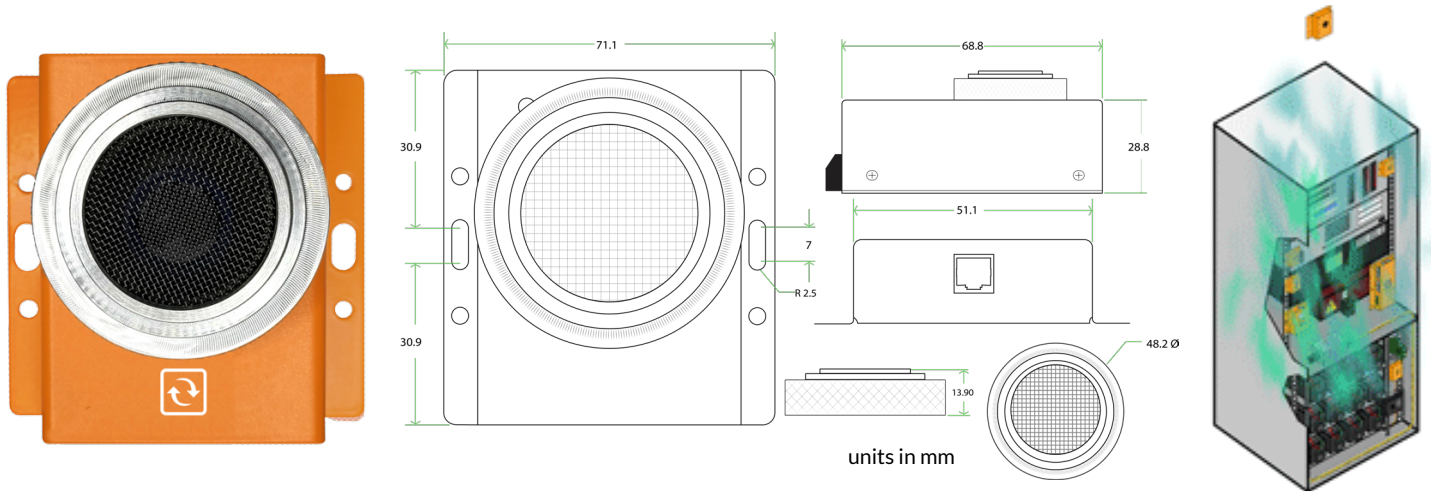




# Formaldehyde (CH2O) Gas Sensor (GAS-CH2O)



Digital sensor designed for monitoring and measuring the level of Formaldehyde (CH2O) in the ambient air.

## Sensor Metrics:

Measurement range	0-20 ppm
Max detecting concentration	100 ppm
Response time (T90)	<40 seconds
Warm up time	10 minutes
Calibration frequency	up to 1 year
Life span	1 year
Cross sensitivity	Carbon Monoxide (CO), Hydrogen (H2), Hydrogen Sulfide (H2S)
Detection technology	Electrochemical

## Technical Specifications:

Powered by and communicates with	Base Unit (BASE-XX) (required)
Connectivity	Requires the optional BASE-FW-SSLs firmware add on for the base unit
Cable specification	RJ45 CAT 6/7 recommended Up to 100m (330ft) subject to cable quality & interference
Sensor power usage	216 mW

## Environmental Specifications:

Operating temperature range	-20°C to +50°C (-4°F to +122°F)
Humidity (operating and storage)	15 - 90% rH (non-condensating)

## Physical Specifications:

Sensor enclosure	Steel enclosure, industrial grade
Mounting option	0U rack, DIN rail, magnetic or wall mountable sensor
Dimensions	71.1mm (2.8") x 68.8mm (2.71") x 28.8 mm (1.13")
Weight	193g (0.43lbs)