



Product Data

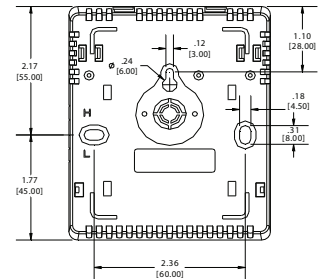
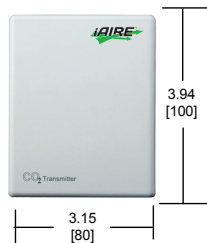
SEN-002 | Space CO₂ Sensor

Product Description

The CO₂ detector provides real-time CO₂ levels and is designed for basic application in HVAC and ventilation systems applications.



Dimensions (inches [mm])



Technical Data

Gas detected	Carbon Dioxide (CO ₂)
Sensing element	Non-Dispersive Infrared Detector (NDIR)
Accuracy @ 25°C(77°F)	±75ppm + 3% reading
Stability	<2% of FS over life of sensor (10 yr typical)
Calibration	Self calibration inside
Response time	<2 minutes for 90% step change
Warm up time	10 minutes (first time) 30 seconds (operation)
CO ₂ measuring range	0~2,000ppm
Sensor life	>10 years
Power supply	24VAC/24VDC
Consumption	3.6 W max. ; 2.4 W avg.
Analog outputs	1X0~10VDC linear output or 1X0~10VDC /4~20mA selectable by jumpers
Modbus interface	Modbus RS485 interface 9600/14400/19200(default)/28800 or 38400bps
Operation conditions	0~50°C (32~122°F); 0~95%RH, non condensing
Storage conditions	0~50°C (32~122°F)
Net weight	160g

Wiring Diagram

