

LARGE RANGE CO2 PROBE (AMBIENT)

This guide describes the physical and functional attributes of the **Aegis Monitoring** line of sensors.



Sentinel Next Wireless Unit (XTEMP-3001-0000)

Dimensions (HxWxD)	89mm x 60mm x 14mm (3.50" x 2.36" x 0.55")
Weight	102g (3.60 Oz)
Connectors	10-pin Sensor Connector; micro USB for Charging
Battery	Integrated 1000mAh Rechargeable Li-Ion Battery
Wi-Fi Protocols	IEEE 802.11b/g/n
Wi-Fi Models Supported	Wi-Fi Direct, Infrastructure, Remote
Wi-Fi Encryption	WEP, WPA/WPA2 Personal, PEAPv0, PEAPv1, EAP-TLS
On Board Data Storage	1 Week with a Once/Minute Sampling Rate
Operating Temperature	0°C to 40°C on Charger -20°C to 60°C on Battery only
Non-operating Temperature	-30°C to 70°C
Relative Humidity	10% to 90%
Certifications	FCC, CE

Software to View Data

Cloud, Enterprise or App based solution available

Sentinel Next APP



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Large Range CO₂ Probe (0-30%) (IPROBE-4400-0002)

Probe Dimensions	7.6cm x 9.5cm x 3.8cm (3" x 3.75" x 1.5")
Cable Length	100cm (~39")
Operating Principle	Non-dispersive infrared (NDIR)
Measurement range CO ₂	0 to 30% _{vol} (CO ₂)
Measurement RH	0 to 100% (non-condensing)
Measurement range °C	-40 to 60 °C
Accuracy	± 0,25 _{vol} ± 3% of reading
Operation temperature range	0 to 50 °C
Operation humidity range	0 to 95% RH (non-condensing)
Display Resolution	0.1°C (0.1°F)



Ambient CO₂ Probe (IPROBE-4400-0001)

Probe Dimensions	7.6cm x 9.5cm x 3.8cm (3" x 3.75" x 1.5")
Cable Length	100cm (~39")
Operating Principle	Non-dispersive infrared (NDIR)
Measurement range CO ₂	0 to 5000 ppm (CO ₂)
Measurement RH	0 to 100% (non-condensing)
Measurement range °C	0 to 50 °C
Accuracy	± 30ppm ± 3% of reading
Operation temperature range	0 to 50 °C
Operation humidity range	0 to 80% RH (non-condensing)
Display Resolution	0.1°C (0.1°F)