



# Sentinel Next

Monitor environment, Use low power Wi-Fi

Sense locally, monitor remotely

Used in healthcare and food industry

Monitor with desktop or cloud services



# Technical Specifications

## Sentinel Next Wireless Unit

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

## Large Range CO2 Probe (Ambient)

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

## Software

Use Sentinel Next APP from the Apple store to configure sensor

See software option document for details on: Cloud service vs Desktop vs Enterprise

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