

## Sentinel RS-485

XCOMP-2000-0001

### PRODUCT INFORMATION

The Sentinel RS-485 can be connected to any sensor or equipment that features an RS-485 electrical interface:

- CO2 sensor for incubators
- Refrigeration controller
- Power meter
- etc.

Measured values are sent to the Aginova IoT Cloud for 24/7 real-time continuous monitoring.



### SPECIFICATIONS

<b>Dimensions (HxWxD)</b>	103mm x 60mm x 20mm (4.06" x 2.36" x 0.79")
<b>Weight</b>	93g (3.28 Oz)
<b>Screw Terminals</b>	RS-485 interface 2 temperature connections 12VDC input for power and charging
<b>Battery</b>	Integrated 1000mAh Rechargeable Li-Ion Battery
<b>Wi-Fi Protocols</b>	IEEE 802.11b/g/n
<b>Wi-Fi Modes Supported</b>	Wi-Fi Direct, Infrastructure (Remote)
<b>Wi-Fi Encryption</b>	WPA/WPA2, WPA2-Enterprise Personal (PEAPv0/MSCHAPV2, EAP-TTLS)
<b>Ports Used</b>	1884 (TCP) for MQTT over TLS communication 443 (TCP) for Over The Air updates 123 (UDP) for Time Server sync (Default: pool.ntp.org)
<b>On Board Data Storage</b>	>2 months with a Once/Minute Sampling Rate
<b>Operating Temperature</b>	0°C to 40°C on Charger -20°C to 60°C on Battery only
<b>Non-operating Temperature</b>	-30°C to 70°C
<b>Relative Humidity</b>	10% to 90%
<b>Certifications</b>	FCC, CE
<b>Option</b>	LTE Cat-M1 Connectivity