

# OTA WIRELESS DATA LOGGER



## Enterprise Integration

Sensors use facility Wi-Fi to upload data to the SensoScientific Cloud. No need for an external infrastructure.

## 24/7 Alert Notifications

Know when temperatures fall outside range — receive notifications via phone, email, SMS, text, pager, fax, and more.

## Over the Air Firmware

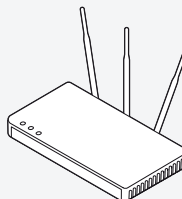
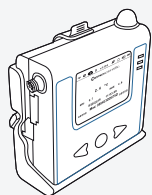
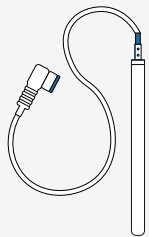
Future-proof your monitoring system with remote upgrades, expanded product life span, and cost-efficient scalability.

- ✓ 2.4 GHz and 5 GHz Connectivity Options
- ✓ Push Button for Real-Time Device Readings
- ✓ A2LA Accredited & NIST Traceable SNAP Calibration
- ✓ Government-Grade Standalone Network Security
- ✓ Multi-LED for Connectivity Status
- ✓ CDC/VFC Compliant Display
- ✓ 24/7 Alert Notifications
- ✓ Easy Installation & Onboarding
- ✓ Enterprise-Wide Scalability
- ✓ FDA 21 CFR Part 11 Validated Cloud

## Sensor Specifications

Measurement Range	See “Compatible Probes” List
Probe Ports	1
Node Memory	Unlimited Cloud Memory; On-transmitter Buffer Storage (4000 Readings)
RF/Radio Protocols	2.4 GHz and 5 GHz (802.11a/b/g/n), FCC, IC/ISED, ETSI/CE, MIC, and SRRC Certified
Authentication Type	WEP, WPA™/ WPA2™ PSK, WPA2 Enterprise, WPA3™ Personal, WPA3™ Enterprise
Enterprise Security	2.4 GHz – PEAPv0 with EAP-MSCAPv2 (PEAP); 5 GHz – EAP Fast, EAP PEAPV0/1, EAP PEAPV0 TLS, EAP PEAPV1 TLS EAP LS, EAP TLS, EAP TTLS TLS, EAP TTLS MSCHAPv2
Alarms	Onboard Visual and Audible Alarms; 24/7 Alert Notifications through the Cloud
Power Supply	(4) 1.5V AA Batteries (Lithium or Alkaline); Optional - External AC/DC Power Supply - UL Certified Universal input: 100Vac to 240Vac
Battery Life	1 Year
Warranty	1 Year
Housing	ABS Plastic Enclosure with TPU Rubber Covers on Open Ports
Mounting	Zip Tie Mount Hooked with Screw Holster Wall Mount
Ambient Operating Range	0 °C to 75 °C (32 °F to 167 °F); Up to 95% RH
Node Dimensions (L x W x H)	Length: 4.25” (108mm), Width: 3.88” (98mm), Thickness: 1.38” (35mm)

## How it Works



Connect  
Sensor to Data  
Logger

Data Logger  
Takes Reading

Readings Transmitt  
to Cloud

Access Cloud to  
Receive Reports,  
Alerts and More

## Compatible Probes

<b>RTD Standard Temperature</b>	Range: Accuracy:	-40 °C to 70 °C (-40 °F to 158 °F) ±0.5 °C; High Precision ±0.1 °C
<b>Ultra-Low Temperature</b>	Range: Accuracy:	-80 °C to 50 °C (-112 °F to 122 °F) ±0.5 °C; High Precision ±0.1 °C
<b>Incubator Temperature</b>	Range: Accuracy:	20 °C to 200 °C (68 °F to 392 °F) ±0.5 °C; High Precision ±0.1 °C
<b>Cryogenic Temperature</b>	Range: Accuracy:	-200 °C to 0 °C (-328 °F to 32 °F) ±0.5 °C; High Precision ±0.1 °C
<b>Temperature &amp; Humidity</b>	Temperature Range: Humidity Range: Accuracy:	-40 °C to 125 °C (-40 °F to 257 °F) 0 %rh to 100 %rh ±0.5 °C (0 °C to 60 °C); ±3% rh (0% rh to 90% rh)
<b>DP001 Differential Pressure</b>	Range: Accuracy:	±0.25 inWC ±0.002 inWC
<b>Carbon Dioxide</b>	Current: Range: Accuracy:	4–20 mA 0 to 20% CO <sub>2</sub> At 5% CO ; ±0.1% CO <sub>2</sub> At 0 to 8% CO ; ±0.2% CO <sub>2</sub> At 8 to 20% CO <sub>2</sub> ; ±0.4% CO <sub>2</sub>
<b>Oxygen</b>	Range:	0 to 25% O <sub>2</sub>
<b>Universal</b>	Current: Accuracy:	4–20 mA ; 0–5 V ; 0–10 V ±0.5 % (±0.1 mA) ; ±0.5 % (±25 mV) ; ±0.5 % (±50 mV)

Please contact your sales representative for more information on compatible sensors and accessories.