

RTD-X-1 and RTD-X-2

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

RTD Probe for **ultra-low freezers** and **liquid nitrogen chambers**. Used in tissue and blood storage, pharmaceutical, and other healthcare applications.



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



RTD - Ultra Low Temperature Probe (IPROBE-4101-0004)

Probe Length & Diameter	Stainless probe: 25mm, Ø 4mm (1", Ø 0.16")
Cable Length	183cm (6ft)
Measurement Range	-200°C to +150°C (-328°F to +302°C)
Accuracy	±0.2°C (±0.4°F) at 25°C (77°F)
Response Time (to reach 90%)	In water, with stirring: <10sec
Display Resolution	0.1°C (0.1°F)
Optional DI (Digital Input)	dry contact available

*Available in dual probe version.