BLULINE

CLOUD-BASED LIVE TEMPERATURE MONITORING

Temp+Probe Temperature Sensor

The BluLine Solutions Probed Temperature Sensor is designed for efficient temperature monitoring, combining high-precision measurements with low maintenance requirements, available in various sizes. Its wireless connectivity and easy installation make it ideal for industries, such as food processing, while its long-lasting calibration certification and maintenance-free operation enhance cost-effectiveness.The included 4-year certificate of calibration allows for verified accuracy and compliance with industry standards, ensuring reliable performance over an extended period.

- **Accurate Probed Measurements :** Achieve precise, localized temperature measurements in challenging environments

- **User-Friendly Design:** Quick installation and easy operation

- **Streamlined Operations:** Ideal for various applications, ensuring efficient and reliable temperature monitoring

- **Real-time monitoring:** Real-time monitoring in temperature data management systems allows visible access to temperature data from anywhere through cloud connectivity

APPLICATIONS

- Retail Grocery

- Processing facilities

- Cold Chain Logistics

- Laboratories

- Restaurants

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PRODUCT SPECIFICATIONS

Temperature Range Options	-40°F to +140°F (-40°C to +90°C) or +12°F to +194°F (-10°C to +90°C)*
Measurement Accuracy	-/- 0.36°F between 32°F and 86°F; +/-0.9°F for balance of temp range (+/- 0.2°C between 0°C and 30°C; +/- 0.5°C for balance of temp range)
Battery Life	4 Years**
Callibration	4 Year Certificate of Validity
Wireless Range	Up to 2,800 Feet (850 Mtrs)
Frequency	920.9 MHZ (USA)/869 MHZ (EU)
Measurement Interval	Standard - 10 minutes
Dimensions	3.35" x 2.17" x .2" (85 x 55 x 5 mm)
Probe Options	2 in (50mm) Dull Tip, 2 in (50mm) Spike Tip, 6 in (150mm) Spike Tip*
Weight	1.23 oz (35g)
Protection Class/Certification	IP54 / EN 12830 / ISO 17025 / CE / FCC
Security & Encryption	AES128 / TLS 1.2

*When purchasing, please select the temperature option **and** probe option before placing your order.*

**Designed for long-term use, the system eliminates the need for battery replacements, offering a cost-effective and maintenance-free monitoring solution.*

- **Wide Temperature Range:** Operates flawlessly from -40°F to +140°F (-40°C to +90°C) or +12°F to +194°F (-10°C to +90°C), ensuring reliable performance in extreme conditions.

- **Durable and Certified:** Built tough with IP54 protection and certified to ISO 17025, CE, ESTI, and FCC standards for ultimate reliability and compliance.

- **Extended Wireless Reach:** Enjoy seamless connectivity with a range of up to 2,800 feet, optimized for both indoor and outdoor applications.

- **Precise Temperature Monitoring:** Ensures accuracy within ±0.36°F (±0.2°C) in critical ranges, making it perfect for demanding environments.