BLULINE

CLOUD-BASED LIVE TEMPERATURE MONITORING

Temp+Humidity Temperature Sensor

BluLine Solutions is revolutionizing cold chain management with its Air Temperature and Humidity logger, which utilizes advanced wireless technology for real-time monitoring. This innovative device eliminates manual data collection, allowing for swift detection of environmental changes and optimal product conditions. Its durability and versatility make it ideal for various industries, providing valuable historical data and insights for enhanced decision-making. The included 4-year certificate of calibration allows for verified accuracy and compliance with industry standards, ensuring reliable performance over an extended period.

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

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

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

APPLICATIONS

- Horticulture
- Warehouses
- Laboratories
- Produce / Dairy
- Wine / Cellars

PRODUCT SPECIFICATIONS

Temperature Range	-40°F to +140°F 0% to 100% RH (-40°C to +60°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) +/- 2% RH Accuracy
Wireless Range	Up to 2,800 Feet (850 Mtrs)
Frequency	920.9 MHZ (USA)/869MHZ (EU) 905 MHZ to 920 MHZ Other Regions
Measurement Interval	Standard - 15 minutes (Adjustable)
Dimensions	3.35" x 2.17" x .2" (85 x 55 x 5 mm)
Weight	1.23 oz (35g)
Protection Class/Certification	IP 54 / ISO 17025 / CE / FCC
Security & Encryption	AES128 / TLS 1.2

*Specifications may change without notice

- **Wide Temperature Range:** The Blulog RF system operates effectively in extreme conditions, with a monitoring range from -40°F to +140°F (-40°C to +60°C), making it suitable for various environments. Relative humidity accuracy is 2%.

- **Superior Protection Rating:** With an IP68 protection class, the device is fully dustproof and waterproof, ensuring durability and reliable operation even in harsh environments.

- **Versatile Application Potential:** Ideal for use in food storage, pharmaceuticals, logistics, and other industries requiring precise environmental monitoring and compliance with safety regulations.