



CLOUD-BASED LIVE TEMPERATURE MONITORING

RF Cellular Gateway Hub

Ethernet / PoE / WiFi / Bluetooth

The BluLine Solutions LTE Gateway Hub enhances temperature monitoring by seamlessly connecting an unlimited number of BluLine Solutions sensors over a range of up to 2,300 feet. Designed for ultimate flexibility, this hub operates primarily on cellular connectivity, with Wi-Fi as a backup when cellular is unavailable. This configuration allows placement anywhere in a facility with power access, eliminating the need to connect to customers' networks (with the exception of backup Wi-Fi). It ensures reliable and secure data transfer to the cloud without infrastructure constraints.

- **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
- **Expanded Range:** Reach your full potential with a field range of up to 2,300 feet



APPLICATIONS

- Refrigerated Transport Vehicles
- Restricted IT Connections
- Solar Powered Field Use
- Isothermal Containers
- Horticulture

PRODUCT SPECIFICATIONS

Dimensions	3.8" x 1.6" x 0.8" (96 x 41 x 20 mm)
Weight	2.4 oz (68g)
Wireless Range	Up to 2,300 Feet (700 Mtrs)
Frequency	920.9 MHZ (USA/UK)/869 MHZ (EU)
Cloud Connection Protocols	802.11x Wireless - Standard LTE Cellular - Standard
Supported WiFi Network Settings	DHCP Static IP DNS Proxy
Programming Options	WiFi Admin Panel
Security & Encryption	AES128 / TLS 1.2
Electrical Requirements	110-240 VAC 0.3 AMP Max 14 VDC @ 2 AMP Max
Compliance	FCC, CE, ETSI 300 220
Protection Class	IP 56



- **Compact and Lightweight Design:** Measuring only 3.8" x 1.6" x 0.8" (96 x 41 x 20 mm) and weighing just 2.4 oz (68 g), the device offers a highly portable and space-efficient solution for seamless integration into various setups.
- **Versatile Cloud Connectivity:** Supports both 802.11x wireless and LTE cellular protocols, offering flexible options for cloud connection to ensure uninterrupted data transmission across different network infrastructures
- **Extended Wireless Connectivity:** With a wireless range of up to 2,300 feet (700 meters), the device ensures reliable and long-distance communication

