



CLOUD-BASED LIVE TEMPERATURE MONITORING

YAGI Antenna for Gateway Hub

Extend the Radio Range for your RF Wireless System

Integrating a Yagi directional antenna into the BluLine Solutions wireless temperature monitoring system significantly enhances its range and performance. With a gain of 9 dBm, the Yagi antenna outperforms standard Omni antennas, which typically offer a gain of only 3 dBm. This improved signal directionality not only boosts reception and transmission but also minimizes interference, making it an excellent choice for applications requiring reliable long-distance communication.

- **Enhanced Signal Range:** Yagi directional antenna significantly improves the BluLine RF system's range by providing a higher gain of 9 dBi
- **Focused Signal Transmission:** Yagi antenna minimizes interference and enhances signal strength, ensuring more stable and efficient data transmission for critical monitoring applications
- **Optimized for Specific Frequencies:** Designed to operate at 869/920.9 MHz, the Yagi antenna is perfectly suited for BluLine RF sensors
- **User-Friendly Design:** Quick installation and easy operation



APPLICATIONS

- Retail Grocery
- Processing facilities
- Warehouses
- Laboratories
- Restaurants



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PRODUCT SPECIFICATIONS

Dimensions	11.81" (L) x 8.27" (H) x 2.56" (W) (300mm x 210mm x 65mm)
Weight	1 lb 4 oz (0.49 kg)
Signal Boost	9 dBm
Frequency	920.9 MHZ (USA/UK)/869 MHZ (EU)
Includes	3 Ft (1 mtr) Extender Coax Cable Magnetic Mounts for Bracket



- **Durability and Stability:** Built with high-quality materials and designed for secure mounting, the antenna provides a stable and durable solution for continuous operation in demanding conditions.
- **Convenient Installation Accessories:** The package includes a 3-ft (1-meter) extender coax cable and magnetic mounts for the bracket, providing flexibility and ease of installation in diverse environments
- **Optimized Signal Performance:** The directional focus of the Yagi antenna, combined with its high gain, ensures efficient and reliable signal reception, reducing interference and enhancing communication accuracy over long distances.

