



## CLOUD-BASED LIVE TEMPERATURE MONITORING

### Wireless Roller™ Grill Temperature Sensor

The Mimic Series Roller™ Wireless Temperature Sensor enhances hot food holding temperature management for roller grills with accurate, wireless readings. It connects seamlessly to a cloud gateway for automatic data transfer and storage, with easy installation. Its long, wireless transmission range minimizes the need for multiple hubs, making it efficient and cost-effective for restaurants, catering, and food production facilities, enhancing food safety and compliance effortlessly. The included 4-year certificate of calibration allows for verified accuracy and compliance with industry standards, ensuring reliable performance over an extended period.

- **Meaningful Measurements:** Provides meaningful temperature data that represents temperatures of your products held on hot roller grills.
- **Scalable Solution:** The BluLine Solutions system can easily scale to accommodate the needs of small businesses and large enterprises alike, offering flexibility as operations grow.
- **Maintenance-Free Operation:** Designed for long-term use, the system eliminates the need for battery replacements, offering a cost-effective and maintenance-free monitoring solution.



## APPLICATIONS

- Roller Grills



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## PRODUCT SPECIFICATIONS

Measurement Temperature	14°F to +194°F (-10°C to +90°C)
Battery Temperature Limits*	14°F to +257°F (-10°C to +125°C)
Battery Life	4 Years**
Callibration	4 Year Certificate of Validity
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)-
Measurement Interval	Standard - 10 minutes
Wireless Range	Up to 1,500 Feet (450 Mtrs)
Frequency	920.9 MHZ (USA/UK)/869MHZ (EU)
Dimensions (inlcuding clip)	3.5" (L) x 1.7" (D) (89 mm x 44 mm)
Weight	1.72 oz (49g)
Protection Class/Certification	IP 68 / EN 12830 / ISO 17025 / CE / FCC
Security & Encryption	AES128 / TLS 1.2

\*Do not exceed temperatures of 196°F

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



- **Durable Battery Performance:** Operates reliably in extreme conditions, with battery temperature limits ranging from 14°F to 257°F (-10°C to +125°C), ensuring consistent performance in demanding environments.
- **High Measurement Accuracy:** Delivers precise readings with an accuracy of  $\pm 0.36^{\circ}\text{F}$  ( $\pm 0.2^{\circ}\text{C}$ ) between 32°F and 86°F (0°C and 30°C) and  $\pm 0.9^{\circ}\text{F}$  ( $\pm 0.5^{\circ}\text{C}$ ) for the rest of the temperature range.
- **Compact and Lightweight Design:** Measures 3.5" (L) x 1.7" (D) (89 mm x 44 mm) and weighs only 1.72 oz (49 g), making it easy to install and unobtrusive in any setting.

