

Wireless Smart Meat Thermometer with BLE & LoRaWAN

DMT01



Commercial Kitchen



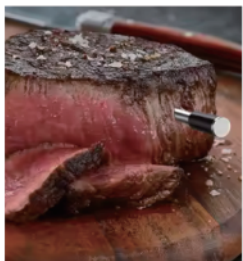
HACCP Monitoring



Food Processing



Meat Factory



Food Grade Probe



DMT01 Charger



LoRaWAN Gateway



OVERVIEW:

The DMT01 is a **professional-grade wireless meat thermometer** engineered for accurate, real-time temperature monitoring in commercial cooking environments. Ideal for restaurants, central kitchens, catering services, and food processing facilities, the DMT01 ensures consistent results across various cooking methods—including grilling, smoking, roasting, deep-frying, sous vide, baking, and more. Its precise monitoring helps improve cooking efficiency, ensure food safety, and meet HACCP compliance standards.

The system consists of two components:

- **Food-grade BLE High-Temperature Probe** – A durable, high-heat resistant probe that measures internal food temperature during cooking.
- **Charging Base with BLE & LoRaWAN Gateway** – This base not only charges the probe but also acts as a communication bridge. It receives temperature data from the BLE probe and transmits it via the LoRaWAN long-range wireless protocol to your IoT platform or monitoring system.

With its dual wireless support (**BLE for close-range accuracy** and **LoRaWAN for long-range data transmission**), the DMT01 is ideal for both home cooking enthusiasts and commercial kitchen environments seeking smart, connected temperature monitoring.

Features:

- **Wireless Meat Thermometer** – Designed for accurate and reliable cooking temperature monitoring
- **Food-Grade Probe** – Safe for food contact and dishwasher-compatible for easy cleaning
- **BLE 5.1 Broadcasting** – Supports real-time local data transmission via Bluetooth Low Energy
- **LoRaWAN Connectivity** – Enables long-range, low-power data transmission to IoT platforms
- **Smart Uplink Triggering** – Supports periodic data reporting and real-time alerts on temperature thresholds

Specifications:

Food Probe Spec:

- Length: 126mm
- Diameter: 6mm
- Food temperature range: -30 ~110 °C, Accuracy: ±0.5°C
- Ambient temperature range: 0 ~380°C, Accuracy: ±5°C
- Wireless: BLE 5.1
- Distance: ≥ 30m
- Battery: 4mAh
- Recharge time: < 2 hours
- Battery Duration: > 30 hours
- IP Rate: IP67, Dish Washer proof

Charger Spec:

- BLE v5.1 + LoRaWAN
- Power Input: USB Type-C, +5v
- Battery: Li-ion , 3000mAh
- Recharge time: < 2 hours

Applications:

- Commercial Kitchen
- Restaurant
- Catering
- Food Processing
- Central Kitchen
- Cloud Kitchen
- HACCP Monitoring
- Food Safety
- Meat Factory
- Industrial Cooking

Order Info: DMT01-XX

- XX: Frequency Bands, options:
EU433,CN470,EU868,IN865,
KR920,AS923,AU915,US915,
RU864

Dragino Technology Co., Limited

Room 202, Block B, BCT Incubation Bases (BaoChengTai), No.8 CaiYunRoad
LongCheng Street, LongGang District ; Shenzhen 518116,China
Direct: +86 755 86610829 | Fax: +86 755 86647123

WWW.DRAGINO.COM
sales@dragino.com