

TS-200 TEMPERATURE SENSOR

MODEL NUMBER – TS-200

KEY FEATURES

- Truly wireless –WiFi enabled (LoRaWAN version also available)
- Comes with a double sided sticker to easily mount it on the outer side of your refrigeration unit.
- Alarm temperature max, min (30, -20)
- Real-time, instant updates Readily available APIs for integration under 30 minutes!
- Temperature measurement range -50°C to 125°C
Maximum resolution +/- 0.25°C
- Power Supply external microUSB. 5V, 500mA.



TECHNICAL SPECIFICATIONS

Sensor Ranges: NDP -40°C to 125°C | DP: -55°C to +125°C

Accuracy: NDP: ±0.5°C from -25°C to 85°C
DP: ±0.5°C from -10°C to +85°C

Resolution: 0.0625°C

Power requirements: 5V DC micro USB
max 30mA current draw (USB version) / max 500mA current draw
2200mAh rechargeable battery (for Li-Ion version only)
2x AA Alkaline 1.5V cells (for non-rechargeable versions only)

Sensor cable: 50 cm, 1mm height, Flat Ribbon Cable

Processor: 32-bit processor running at 80Mhz and with a complete 2.4Ghz WiFi stack

Configurable parameters: Measurement interval 60s
Temperature delta to trigger data transmission +/- 1°C
Alarm temperature max, min (30, -20)

Alarm: Audio 70dB (min.) sweep tone
Flashing screen with Alarm icon

Input: Capacitive, non-mechanical touch sense x 1 (USB version only)
Serial over USB commands (USB version only)