

Temp Monitor Pro



Technical Specifications

Temp Monitor Pro

Physical	Height Width Depth Weight Casing IP rating Visual status indicator Audio alarm Product Identifier Display Control buttons Inputs Mounting	3.9 in (100 mm) 3.9 in (100 mm) 1.1 in (30 mm) 7.7 oz (219 grams) IP54 LED (green, yellow, red) Yes QR code, MAC address, Unique ID 2.1 in (53.3 mm) diagonal Color MIP-LCD Shows status, last reading, low/high thresholds, min/max Three tactile push-buttons below display Two USB-C probe ports with integrated screw-lock to prevent accidental disconnection Built-in magnet, mounting plate
Operation	Local device alarm Alarm delay (configurable) Sampling interval Logging Interval (configurable) Local stored reading capacity	Audio and visual; out-of-range reading, probe disconnected, low battery, hardware error 0 to 60 minutes 1 minute 1 to 60 minutes 30 days with 15 min logging interval; max. 10080 stored samples
Environmental	Operating temperature Storage temperature Operating humidity Storage humidity Storage shelf life	-4°F to +158°F (-20°C to +70°C) Recommended: ≤ +86°F (≤ +30°C) 5% to 95% RH, non-condensing ≤ 60% RH, non-condensing 2 years
Battery Power	Battery life Battery type Number of batteries Total capacity Replaceable Power activation	Up to 3 years; factory default configuration ERI4505; 3.6V AA 3 7200 mAh Yes Button press; long press (5s) to power on. Power off disabled by default
Bluetooth Low Energy (LE)	Wireless standard Range Receiver sensitivity Available transmission power level Supported data packets	Bluetooth LE 5.0 Up to 98 feet (30 meters) in open space -96 dBm -20 to +4 dBm Kontakt.io Telemetry and Location, iBeacon, Eddystone
Sensors and Peripherals	Ambient Temperature sensor Humidity sensor Temp Pro Digital Probe Temp Pro Analog Probe (RTD)	Range: -20°C to +70°C (-4°F to +158°F) Accuracy: ±1°C (±1.8°F) overall; ±0.5°C (±0.9°F) from -22° C to +50°C (-7.6°F to 122°F) Range: 0 to 95% RH Accuracy: ± 2% typical, ± 4% max Range: -50°C to +150°C (-58°F to 302°F) Accuracy: ±0.5°C (±0.9°F) Range: -200°C to +200°C (-58°F to 302°F) Accuracy: ±0.5 °C (±0.9 °F) in the -100 to +100C range Accuracy: ±1.0 °C in the -200 to +200C range
Certifications	CE, FCC Part 15B, RoHS, REACH	Optional NIST certification available at time of order placement

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Features

- Continuous temperature monitoring for refrigerators, freezers, and warmers
- 3 year NIST-traceable certification available
- Two temperature probe inputs for Kontakt.io probes
- Ambient temperature and humidity monitoring
- Local reading storage up to 30 days
- Local audio and visual alarms
- Over-the-air (OTA) firmware and configuration updates

Configurable parameters

Bluetooth LE parameters

Parameter	Factory default*	Configurable
BLE packets	Kontakt.io Telemetry, Location	Yes; Kontakt.io Telemetry, Location, iBeacon, Eddystone
BLE interval	1000 ms	Yes
BLE name	Kontakt	Yes
iBeacon major, minor, UUID	Random	Yes; custom request
TX power	-4 dBm	-20 to +4 dBm

Button and sensor parameters

Parameter	Factory default	Configurable
Power off with long button press	Disabled	No
Ambient Temperature sensor	On	No
Humidity sensor	On	No

*Custom or use-case configuration can be requested at the time of order placement.

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Get in Touch

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