

Temp Monitor Lite



Technical Specifications

Temp Monitor Lite

Physical	Height	1.9 in (50 mm)
	Width	1.9 in (50 mm)
	Depth	0.7 in (18.6 mm)
	Weight	1.4 oz (40 g)
	Casing IP rating	IP67
	Visual status indicator	LED (green, yellow, red)
	Product Identifier	QR code, MAC address, Unique ID
	Button	Power on with long press (5 seconds); power off disabled by default
	Mounting	Two slots for zip tie mount, supplied 3M double-sided tape
Operation	Local device alarm	Visual LED (green, yellow, red)
	Alarm delay (configurable)	0 to 60 minutes
	Sampling interval	1 minute
	Logging Interval (configurable)	1 to 60 minutes
	Local stored reading capacity	30 days with 15 min logging interval; max. 10080 stored samples
Environmental	Operating temperature	-40°F to 180°F (-40°C to 85°C)
	Storage temperature	Recommended: $\leq +86^{\circ}\text{F}$ ($\leq +30^{\circ}\text{C}$)
	Operating humidity	0% to 100% RH, non-condensing
	Storage humidity	0% to 100% RH, non-condensing
	Storage shelf life	2 years
Battery Power	Battery life	Up to 3 years; factory default configuration
	Battery type	ER14250; 3.6V
	Number of batteries	2
	Total capacity	2400 mAh
	Replaceable	No
	Power activation	Button long press (5 seconds) to power on (power off disabled by default)
Bluetooth Low Energy (LE)	Wireless standard	Bluetooth LE 5.0
	Range	Up to 98 feet (30 meters) in open space
	Receiver sensitivity	-96dBm
	Available transmission power level	-20 to +4 dBm
	Supported data packets	Kontakt.io Telemetry and Location, iBeacon, Eddystone
Sensors and Peripherals	Ambient Temperature sensor	Range: -40°F to 180°F (-40 °C to 85°C) Accuracy: $\pm 1^{\circ}\text{C}$ ($\pm 1.8^{\circ}\text{F}$) overall; $\pm 0.5^{\circ}\text{C}$ ($\pm 0.9^{\circ}\text{F}$) from -22°C to +50°C (-7.6°F to 122°F)
	Relative Humidity sensor	Range: 0 to 100% RH (operating temperature at -20°C to 80°C) Accuracy: $\pm 2\%$ typical, $\pm 4\%$ max
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, with humidity measurement support
- Continuous ambient temperature and humidity monitoring for rooms
- 3 year NIST-traceable certification available
- Local reading storage up to 30 days
- Local visual LED alert indicator
- 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 long button press	Disabled	Yes; enable/disable
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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