

SENSORS

LoRa TEMPERATURE SENSOR



IoT-TEMP-IT-01 UL

FEATURES



Battery life
3 years



Highly precise external
temp sensor



Button trigger
for quick data testing



LED light indication
for different status



Maximum range 5km



With LED display



Temperature
alarm notification



Low battery
level notification

Working Principle



Sensor

LoRa



LoRa Gateway-WiFi




















Email-SMS-Alarm
Notification

SENSOR

IoT-Temp-IT-01 UL

Specifications

Dimensions 	Net Weight 	Battery 	Accuracy of Temperature 	Battery Working Life 	Maximum Range in Open Area 
106mm *57mm *33mm 4.17in*2.24in*1.30in	170g	Built-in 3.6V/4000mAh non-rechargeable	Temp: $\pm 0.5^{\circ}\text{C}$ ($-10^{\circ}\sim 85^{\circ}\text{C}$), $\pm 1^{\circ}\text{C}$ (other),	3 Years (in 15 Mins Interval)	5km
Operating Temperature Range 	Transmit Interval 	Memory Capacity 	Sensor Probe Detecting Range 	RF Frequency 	Modulation 
($-30^{\circ}\text{C} \sim +60^{\circ}\text{C}$),	1min ~ 1440mins user definable	50000	($-100^{\circ}\text{C} \sim +70^{\circ}\text{C}$)	433/470/868/915MHz (optional)	LoRa
Transmit Power 	Low Voltage Alarm 	Temperature Alarm 	Standby Current 	Water Proof 	
20dbm (adjustable)	Yes, user definable	Yes, user definable	<5uA	IP54	