

# SENSORS

## LoRa TEMPERATURE SENSOR



**IoT-TEMP-IT-01 ET**

### 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 ET

# Specifications

Dimensions



106mm \*57mm \*33mm  
4.17in\*2.24in\*1.30in

Net Weight



164g

Battery



Built-in 3.6V/4000mAh  
non-rechargeable

Accuracy of  
Temperature



Temp:  $\pm 0.5^{\circ}\text{C}$  ( $-10^{\circ}\sim 85^{\circ}\text{C}$ ),  
 $\pm 1^{\circ}\text{C}$  (other),

Battery Working Life



3 Years (in 15 Mins Interval)

Maximum Range  
in  
Open Area



5km

Operating  
Temperature  
Range



( $-30^{\circ}\text{C} \sim +60^{\circ}\text{C}$ ),

Transmit Interval



1min ~ 1440mins  
user definable

Memory Capacity



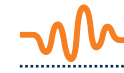
50000

Sensor Probe  
Detecting Range



( $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$ )

RF Frequency



433/470/868/915MHz  
(optional)

Modulation



LoRa

Transmit Power



20dbm (adjustable)

Low Voltage  
Alarm



Yes,  
user definable

Temperature  
Alarm



Yes,  
user definable

Standby Current



<5uA

Water Proof



IP54