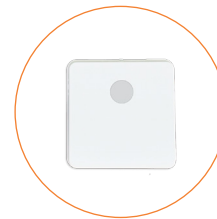
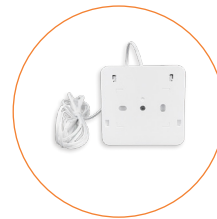


Products

– Comfort & Sensors

THS317

Temperature & Humidity Sensor



Description

The THS317 is used to measure the ambient temperature & humidity with built-in sensor, or external temperature with remote probe. The 2.5m long probe allows you to measure liquid or enclosed space temperatures, reaching areas that normal sensors cannot.

Main Features

- ZigBee 3.0
- Environmental temperature & humidity measuring
- Remote probe (external temperature)
- Low power consumption

Standard models

Model	Include Sensor
THS317-ET	External temperature probe
THS317	Built-in temperature & humidity

Main Specifications

Connectivity	
ZigBee	<ul style="list-style-type: none">• 2.4GHz IEEE 802.15.4
ZigBee Profile	<ul style="list-style-type: none">• ZigBee 3.0
RF Characteristics	<ul style="list-style-type: none">• Operating frequency: 2.4GHz• Internal PCB Antenna• Range outdoor: 100m (Open area)
Physical Specifications	
Battery	<ul style="list-style-type: none">• DC 3V (2*AAA batteries), Alkaline battery
LED	<ul style="list-style-type: none">• 1-color LED (Green)
Temperature	<ul style="list-style-type: none">• Internal Sensing Range: -10~85°C Sensing Accuracy: ±0.3°C• Remote probe Sensing Range: -40~200°C Sensing Accuracy: ±0.5°C
Humidity	Sensing Range: 0~100% Sensing Accuracy: ±3%
Reporting Cycle	<ul style="list-style-type: none">• Temperature/Humidity: 1min• When you press the reset button once: report immediately

Operating environment	<ul style="list-style-type: none">• Temperature: -10 °C ~ +55 °C• Humidity: ≤ 85% non-condensing
Dimension	<ul style="list-style-type: none">• 62(L) × 62 (W)× 15.5(H) mm• Standard line length of remote probe: 2.5m
Mounting Type	<ul style="list-style-type: none">• Tabletop stand/Wall mounting/Ceiling