

# Wireless Temperature, Humidity and PM2.5 Sensor



Mod: TH01-ZS-A3XS63NN

Battery powered sensor to monitor temperature and relative humidity periodically.

## Features

Excellent sensitivity @-132dBm  
Easy to deploy & Low power consumption  
OTA upgrade supported

## Electrical Characteristics

Power supply	2.8-3.6V
Standby current	<3uA
Working current	<60mA
Tx power	15dBm
IoT protocol	ZETA
Working band	Default 470-490MHz
Detection range	T 0-50°C(±2°C) H 20%-90% ( ±5% )
Battery life	> 3 years

## Target Applications

Indoor temperature/ humidity detecting.

## Physical Characteristics

Physical size	89*44*17mm
Materials	ABS
Antenna	Spring-loaded

## Operational Environment

Working Temp	-25°C ~ 75°C
Storage Temp	-40°C ~ 85°C
Relative humidity	≤90%
Protection grade	NA

## Notice

- 1.The sensor is not waterproof, pay attention to the installation location.
- 2.Please check whether the detection range and accuracy match requirements .



### Shanghai China

Room 901, HongCao  
Building 67

+86 (0) 21-61320820

[info@zifisense.com](mailto:info@zifisense.com)

[www.zifisense.com](http://www.zifisense.com)

### Xiamen China

Software Park Phase 3,  
A2-1303

+86 (0) 592 6070310

[info@zifisense.com](mailto:info@zifisense.com)

[www.zifisense.com](http://www.zifisense.com)

### Cambridge UK

3 Charles Babbage  
Road,

+44(0) 1223 491 099

[info@zifisense.com](mailto:info@zifisense.com)

[www.zifisense.co.uk](http://www.zifisense.co.uk)