

ZigBee® Ambient Sensor

Humidity and Temperature Sensor

Z711/712/713



The humidity/temperature sensor series are based on ZigBee Home Automation standard. It is used for detecting indoor and outdoor ambient and sends the data to a control center via wireless network. Z712 and Z713 are enclosed within a splash proof housing. With a solar panel charger, Z713 is a maintenance-free sensor. Z711/Z712/713 do not need any wiring for installation. It only needs 2 AAA batteries to power. It can be mounted on wall and everywhere. Humidity and temperature data can also be displayed on control center or Z508 in-home display, user can check on the data from internet.

Z711/712/713 Wireless H/T sensor

Product Model

Z711 : Indoor
Z712 : Outdoor
Z713 : Outdoor *

*incl. solar panel charger

Main Features

- ZigBee device type : Temperature Sensor
- Fully IEEE 802.15.4 & ZigBee HA compliant
- High accuracy +/- 0.5 °C, +/- 4.5%RH
- Indoor and outdoor type available
- Compact size
- Low power consumption
- Low battery alert

Technical Parameters

Power Supply:	Z711/712/Z713: 2 AA batteries
Communication Range:	Z711:50 m / Z712:30m / Z713: up to 700meters
Monitoring Method:	NDR (Non-Destructive)
Detecting Range:	Temperature -20~60°C Humidity max. 5~95%
Consumption @transmitting mode:	Z711 /Z712:<40mA; Z713: 120mA
@receiving mode:	Z711 /Z712:<40mA; Z713: 120mA
@standby mode:	Z711 /Z712:<2uA; Z713: <15uA
Accuracy:	Temperature : +/- 0.5°C Humidity : +/- 4.5%
Product Dimension:	Z711:112mm x 34mm x 17mm Z712:222mm x 130mm x 195mm Z713:234mm x 155mm x 217mm