TZ-WF502B WiFi TEMP&RH SENSOR

Built-in WiFi Connector
WiFi real-time data uploading

Auto PDF Report
Automatically generated PDF format report, no software required to access data file

Intuitive LCD Indication
LCD presents all key information including checking current temperature, alarm status, battery power and WiFi status

Built-in Alarm
Equipped with buzzer to alarm locally when the temperature exceeds the limit

Built-in Battery
Built-in 4000mAh /3.6V battery, replaceable, long standby time
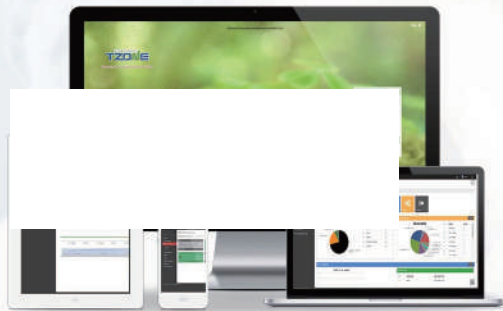
APPLICATIONS
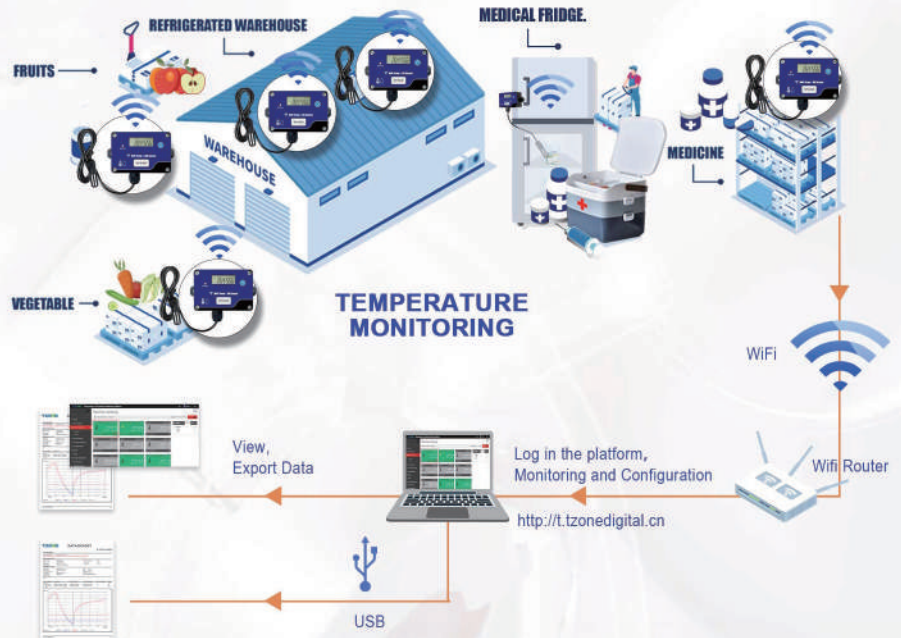
Biochemical laboratory

Agriculture

Pharmaceutical

Warehouse

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HOW TZ-WF502B WORKS

REFRIGERATED WAREHOUSE

MEDICAL FRIDGE.

FRUITS

WAREHOUSE

MEDICINE

VEGETABLE

TEMPERATURE MONITORING

WiFi

Wifi Router

View, Export Data

Log in the platform, Monitoring and Configuration

http://t.tzonedigital.cn

USB

Cloud Platform

TZ-WF502B

Dimension	106mm*57mm*33mm
Weight	135g
Communication Mode	WiFi
WiFi Frequency Band	2.4GHz
Detecting Temperature Range	-40°C ~ +120°C
Sensor Accuracy	±0.3°C (0°C~+60°C), ±0.5°C (others) ±3%RH (20~80%RH), ±4%RH (others)
Temperature Resolution	0.1°C
Data Storage Capacity	20000
Start Mode	Push-To-Start or Timing Start
Logging Interval	Default 15 minutes
Alarm Range	User configurable
Send interval	1 minute to 60 minutes, the default is 15 minutes, user definab
Report Generation	Generate PDF report via USB port
Protection Grade	IP54
Battery	Built-in 4000mAh /3.6V battery(replaceable)
Battery life	260 days (15 minutes sending interval)

TEMPERATURE AND HUMIDITY CONFIGURATION SOFTWARE

- You can plug in USB for computer configuration software and export data
- Send exported files to partners through email
- Set the buzzer alarm temperature limit
- Export data files as PDF formats

FEATURE

1. Sensitive temperature probe with high precision

2. Built-in 4000mAh /3.6V battery, replaceable, long standby time

3. WiFi real-time data uploading

4. 20,000 temperature recordings can be stored into device flash memory, and unlimited recordings storage on cloud based platform

5. Configurable alarm thresholds, uploading interval and temp&RH unit

6. Easily generate PDF report via USB port

7. Equipped with LCD display screen, easy to check current temperature, humidity, alarm status, battery power and WiFi status

TZ-WF502B is a WiFi temperature and humidity sensor based on IOT technology . It can be widely used in refrigerators, catering, warehouse and HACCP system industries and so on. It can real-time upload data to cloud via WiFi . Users can remotely view, monitor, and manage data online via any web browser. At the same time, the device is also with flash memory to storage 20,000 temperature recordings. And it can generate PDF report via the USB port. With a built-in rechargeable lithium backup battery that can provide real-time data uploading and alarm notifications continously even after power supply cut-off.