



WF502B WIFI TEMPERATURE SENSOR



WF502B



CE EN12830



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, humidity alarm status, battery power and WiFi status



Built-in Alarm

Equipped with buzzer to alarm locally when the temperature exceeds the limit

APPLICATIONS



Biochemical laboratory



Agriculture



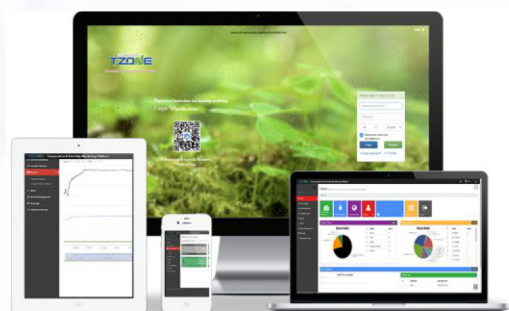
Pharmaceutical



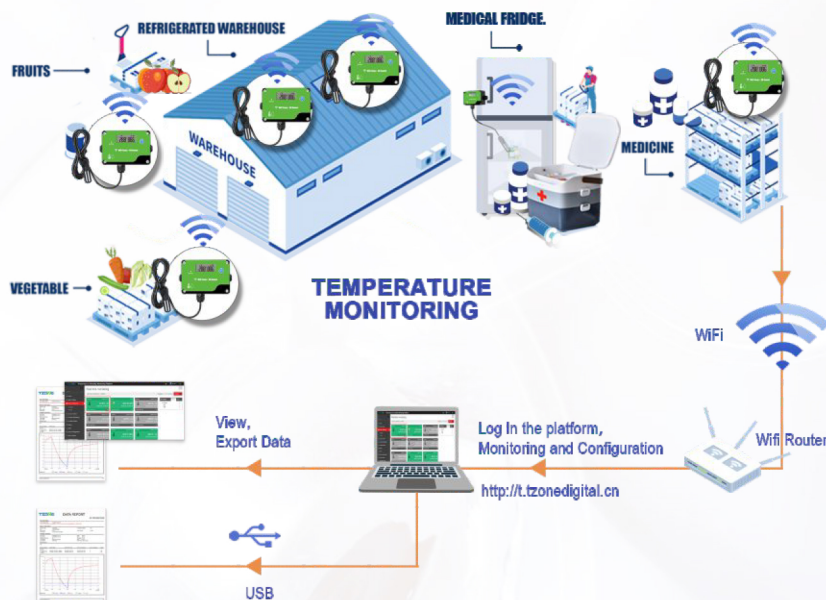
Warehouse

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HOW WF502B WORKS



Cloud Platform



SPECIFICATION

WF502B

Dimension	106mm*57mm*33mm
Weight	135g
Measuring Medium	Air
Sensor Range	-40°C ~ +125°C
Sensor Accuracy	Temperature: $\pm 0.3^{\circ}\text{C}$ (0~60°C), ± 0.5 (others) Humidity: $\pm 2\%$ (10% ~ 90%), $\pm 4\%$ (others)
Working Environment	-30 °C ~ +60°C; 5%RH ~ 95%RH(non-condensing)
Way Of Communication	WiFi
WiFi Frequency Band	2.4GHz
WiFi Standard	802.11b/g/n
Collection Interval	1minute to 60 minutes, the default is 15 minutes, user definable
Transmission Frequency	1 to 1440.4 by default, user-defined
Low pressure Alarm	Support, user definable
Temperature And Humidity Alarm	Support, user definable
Battery Life	One year (15minutes collection interval, 4 packet sent)
IP Protection Class	Support
Number Of Storage	20000
Waterproof Level	IP54

FEATURE

- Using SHT30 temperature and humidity sensor, strong anti-interference ability, high precision and fast response speed
- Connect to a WiFi access point, collect data and upload it to the platform in real time
- It supports three working modes: normal working mode, low pressure mode, and temperature and humidity overrun mode, which can monitor temperature and humidity more effectively and intelligently
- It can store 20,000 sets of data, and the server is not limited by storage
- Easily generate PDF report via USB port
- Equipped with an LCD display, you can intuitively view temperature and humidity data, alarm status, WiFi status, battery power and other information
- Equipped with a buzzer, when the temperature and humidity exceed the limit, it will alarm



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