

TW-WiFi Series

Wireless WiFi-Connectivity Temperature & Humidity Sensor, with Monitoring & Alarming system

THERMOWAY TW-WiFi series is designed specifically for environmental monitoring. It can continuously and stably monitor the temperature and humidity changes in different environments such as hospitals, laboratories, medical equipments, server rooms, and transportation processes.

According to client needs, our transmitter can be combined with thermocouple, RTD probes, uploading the data to our Cloud Database through WiFi, customers can observe the temperature and humidity in real time through the computer or smart phone website, and directly set up the alarm condition, the system will send a message via LINE Messaging API, Discord, e-mail or a relay may be selected.



FEATURES

- With WiFi Connection, there is no need for expensive wireless receiver apparatus; you can also share personal hotspot.
- Smart Cloud Service provides real-time data monitoring: Using WiFi network to connect our database, and instantly respond in the website.
- Customers can do configuration, monitor, and receive the alarm in our system website, without updating extra software.
- UPS function: Automatically starts terminal recording when the connection with the host is lost (up to 5,000 pieces of data), checks whether the host has restored the connection every 30 minutes, and automatically transmits the records back to the host.
- **Wide range of applications:** Suitable for low temperature storage space, laboratory, server room, warehouse and other indoor environment monitoring. It can be used to monitor numerous locations by adding additional transmitters.



- ✓ According to environment condition, we provide external sensors such as Thermocouple and RTD.

SPECIFICATION

THERMOCOUPLE SENSOR	TYPE: K, E, J, T, N, R, S, B (Customized) Temperature Range: -200~+1750°C Accuracy: ±0.15%(-20~+85°C); depending on sensor type Resolution: 0.1°C Calibrated Accuracy: ±1.1°C(-20~+85°C) Voltage Protection: ±45V Filtering Protection: 50/60Hz
RTD SENSOR	TYPE: PT100, PT1000; 2W/3W/4W (Customized) Temperature Range: -200~+800°C; depending on sensor type Accuracy: ±0.5°C (max. 0.05%) Resolution: 0.1°C
DIGITAL SENSOR	Temperature Range: -40~+125°C Humidity Range: 0~100% RH Accuracy: ±0.4°C(Max.), -10~+85°C Relative humidity: ±3%RH(Max.) 0-80%RH
RANGE	WiFi 2.4GHz, Distance: 30-50M
OPERATING ENVIRONMENT	-20~+60°C 5~95%RH non-condensing
POWER SUPPLY	4.7 – 6.0 VDC

Model	Description
EW-SO1	RasPi, including hardware and CMS
EWH21	Transmitter with temperature & humidity digital sensor
EWT56	Transmitter with thermocouple sensor
EWR65	Transmitter with RTD sensor
EW420	4-20mA input transmitter
EWR01	Remote wireless controller relay*1
EWRD1	Remote relay switch and digital input detection (1CH)
EWRDT	Remote relay switch and digital input detection (1CH), timer

Contact us

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