

RCW-800W Wifi Temperature RH Data Logger

Product Description:

RCW-800W series is an IoT recorder that communicates through WIFI network, which is used for real-time monitoring, recording, alarming and data uploading of ambient temperature/humidity. The recorder is mainly composed of a temperature/humidity sensor and a host instrument. It directly transmits the measured value to the Elitech cloud through the Wi-Fi network. It can be stored in the Elitech cloud anytime, anywhere through mobile phones and PCs with Internet access functions. View and analyze the data in the cloud platform. After the limit is exceeded, the alarm can be sent in time through SMS, email, voice and other methods.

Features:

1. Small size, stylish shape, magnetic tray design, easy to install
2. Large-size TFT color screen display
3. Built-in rechargeable lithium battery, can still provide real-time data upload for a long time after power failure
4. The product is suitable for warehouses, cold storage, refrigerated trucks, cool cabinets, medicine cabinets, freezer laboratories and other scenarios

Specifications:

1. Power input: 5V/1A
2. Temperature display resolution: 0.1°C
3. Humidity display resolution: 0.1%RH
4. Offline record: 20,000 points
5. Data storage method: circulating memory
6. Record, Upload interval & Alarm interval
 - 1) Normal Recording interval: 1min~24H can be set
 - 2) Alarm logging interval: 1min~24H can be set (The alarm recording interval must be less than or equal to the normal recording interval)
 - 3) Normal Upload interval: 1min~24H can be set, default 5mins
 - 4) Alarm upload interval: 1min~24H can be set, default 2mins (The alarm upload interval must be less than or equal to the normal upload interval)
7. Battery life: no less than 7 days (@25°C, upload interval 5 minutes)
8. Indicator light: Alarm indicator light, charging indicator light
9. Screen: TFT color screen
10. Communication method: WIFI

11. Alarm method: Local alarm, cloud alarm (SMS, APP, email)
12. Buttons: switch machine, reset button (WIFI/Bluetooth), left key, home key, right key, Celsius/Fahrenheit conversion, monitoring start/stop, buzzer on/off
13. Protection grade: IP50
14. Standard sizes: 110*78*27mm

Probe information:

1. Probe Type: External
2. Probe: 1 temperature + 1 humidity or 2 temperature
3. Measuring range: Temperature: $-40^{\circ}\text{C}\sim 80^{\circ}\text{C}$; Humidity: 0%RH~100%RH
4. Sensor type: Digital temperature & humidity sensor or NTC Temperature Sensor
5. Measurement accuracy: Temperature: $-20\sim +40^{\circ}\text{C} \pm 0.5^{\circ}\text{C}$, others $\pm 1^{\circ}\text{C}$;
Humidity: $\pm 5\%\text{RH}$