

IoT Data Logger



IoT

Real Time Temperature & Humidity Monitoring RCW-360

4G

Wi-Fi

Overview

RCW-360 is a wireless temperature and humidity monitor with 4G/Wi-Fi version. Its low power consumption features long standby time and it designs for multiple installation methods that can be widely used in various temperature and humidity monitoring scenes.

Features

- Real-time recording and monitoring of temperature and humidity
- App and Email alarms from Cloud; Audible and visual alarm from device
- Multiple installation and power supply methods, flexible to be installed anywhere
- Elitech Cloud supports parameter configurations, graph analysis, report export and etc
- Unlimited Cloud storage with additional local storage of 20,000 points if off-line
- 4G versions support LBS (location-based service) positioning

Technical Specifications	RCW-360-THE	RCW-360-TH
Power supply	5V/1A(DC)	5V/1A(DC)
Temperature measuring range	-40°C ~ +80°C	-20°C ~ +70°C
Temperature accuracy	±1.0°C(-25°C~0°C); ±0.5°C(0°C~40°C); ±2°C(others)	±1.0°C(-25°C~0°C); ±0.5°C(0°C~40°C); ±2°C(others)
Humidity measuring range	10%~95%	10%~95%
Humidity accuracy	±5%RH	±5%RH
sensor	SHT31	HDC1080
Logging interval	5 min to 24 hr.	5 min to 24 hr.
Memory capacity	32,000 points for each channel(Max)	32,000 points for each channel(Max)
Communication interface	4G/Wi-Fi(2.4G)	4G/Wi-Fi(2.4G)
Alarm output	Led,Buzzer, APP, E-mail push	Led,Buzzer, APP, E-mail push
Battery	3.7V lithium battery	3.7V lithium battery
Battery life	Wi-Fi:30days (@25°C, Logging interval=10min) 4G:15days (@25°C, Logging interval=10min)	Wi-Fi:30days (@25°C, Logging interval=10min) 4G:15days (@25°C, Logging interval=10min)



WiFi Real Time Data Logger RCW-800W

IoT



Technical Specifications	RCW-800W-TDE	RCW- 800W-THE
Communication mode	WIFI	
Measurement range	Temperature:-40°C~80°C Humidity:0%RH-100%RH	
Temperature accuracy	±0.5°C (-20°C~40°C); ±1°C (others)	
Humidity accuracy	±5%RH(RCW-800W-THE)	
Resolution	0.1°C; 0.1%RH(RCW-800W-THE)	
Recording interval	1-1440 min (default 5min)	
Storage capacity	20,000	
Storage mode	cyclic storage	
Battery	5V/1A、2000mah	
Battery life	More than 7 days(@25°C, uploade interval 5 min)	
Indicator	Alarm indicator, charging indicator	
Alarm	LED、messages、APP push、email	
Screen	TFT screen	
Protection class	IP50	
Specification	110mm*78mm*27mm	

Overview

RCW-800W series is a 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 cold cloud through the Wi-Fi network. It can be stored in the Elitech cold 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 and other methods.

Features

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