

RCW-600WIFI USER MANUAL

Elitech cloud login: www.i-elitech.com.



iOS APP
Scan the QR code or
download on the App Store



Android APP
Scan the QR code or
download on the Google play

Overview

RCW-600WiFi is a two-channel temperature monitor device based on IoT technology. It can be widely used in food, logistics and other HACCP industries. With a combination of WiFi, Elitech App and Cloud platform, users can remotely view, monitor and manage data online via web browsers and smart phones. The wireless monitor device is equipped with two temperature sensors and a built-in rechargeable lithium battery that can continuously provide real-time data uploads and alarm notifications even after power outages or blackouts.

Features

- ◆ High sensitivity probe, short response time.
- ◆ Keeps running up to 6 hours after power supply cut-off.
- ◆ Configurable alarm thresholds. Audio and visual alerts when thresholds are breached.
- ◆ Configurable uploading interval between 1 minute up to 24 hours.
- ◆ 20,000 recording points on device, unlimited recording points on the Cloud server.
- ◆ WiFi access points for real-time data collection and upload to the Cloud platform.
- ◆ Flexible data exporting, export in multiple formats via the Cloud platform.

Technical Parameters

- ◆ Power supply: 5V/1A (DC)
- ◆ Measurement range: Temperature: $-40^{\circ}\text{C} \sim 80^{\circ}\text{C}$
- ◆ Accuracy: Temperature: $\pm 0.5^{\circ}\text{C}$ ($-20^{\circ}\text{C} \sim 40^{\circ}\text{C}$); $\pm 1^{\circ}\text{C}$ (others)
- ◆ Temperature resolution: 0.1°C
- ◆ Logging interval: 1 minute to 24 hours
- ◆ Memory capacity: 20,000 recording points
- ◆ Alarm output: LED indicator, buzzer, e-mails, Cloud platform/App push notification etc.
- ◆ Uploading mode: WiFi
- ◆ Battery: 3.7V, 1100mAh rechargeable lithium battery

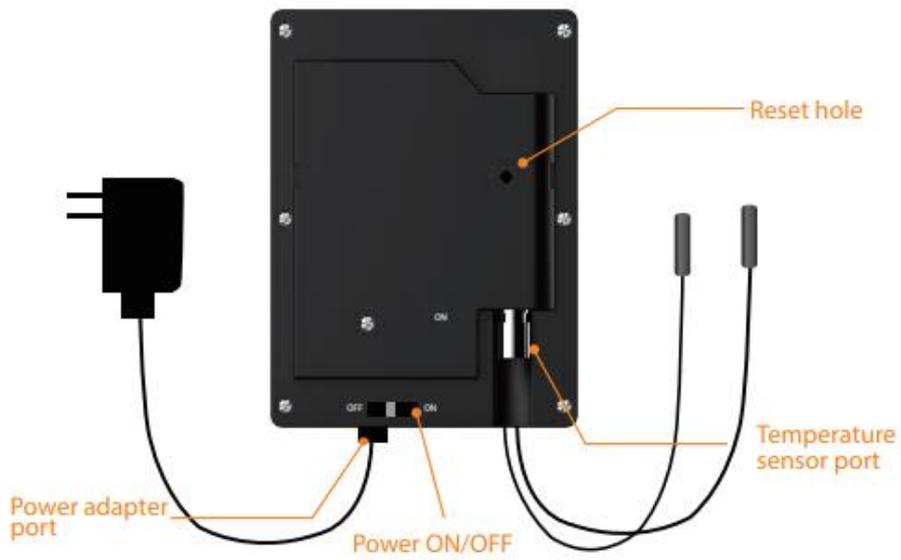
Appearance



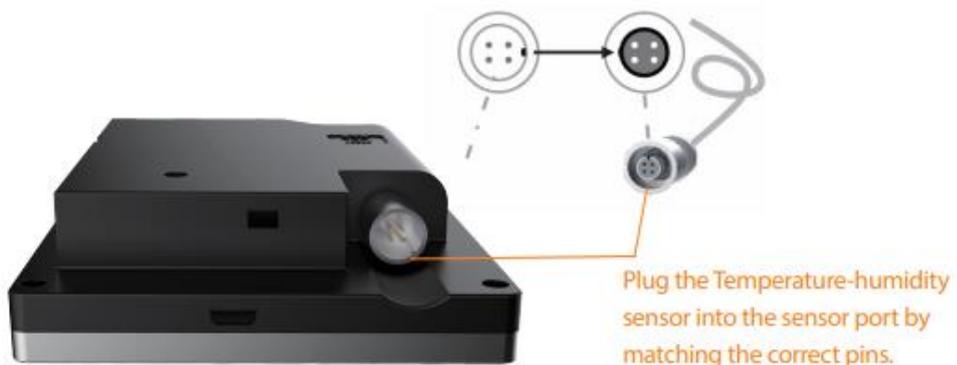
Installation



The front of the device



The back of the device



How to install the sensor

Touch buttons on device



enter the selected menu.



shift left/right to change the parameter.



shift up/down to select the desired menu option.



back to previous windows.



lock/unlock the screen.

WiFi configuration

Please turn the monitor ON first and follow the corresponding setup steps



Elitech Smartphone App

1. Download the app and Login (register and login to your account).

The login screen features the Elitech logo at the top. Below it are two input fields: 'Enter username' and 'Enter password'. A 'Remember password' checkbox is located below the password field. An orange 'Login' button is positioned below the checkbox. At the bottom, there are two links: 'Register now' and 'Forgot password?'.

2. Add your RCW-600 device to your Elitech iCold account

The 'Device' screen shows a list of devices. The first device is 'RCW-600WIFI' with status 'Online'. Below the device name, it lists 'Model: RCW-600WIFI', 'Sensor Data: 1', and 'GUID: 94780240044317*****'. A search bar and a 'Query' button are at the top. A bottom navigation bar contains icons for 'Device', 'Alarm', 'Project', and 'More'.

① Click "+".

The 'Add Device' screen has a QR code icon in the top right corner. It contains two input fields: 'Device GUID' and 'Device Name'. An orange 'Add' button is at the bottom. A small note at the bottom reads: 'Click the QRcode on top right to automatically scan and add.'

② Click and scan the QR code on the back of the device.

The 'Add Device' screen shows the device has been added. It displays the GUID '2712586328626513****' and a 'Device Name' input field. An orange 'Add' button is at the bottom. A small note at the bottom reads: 'Click the QRcode on top right to automatically scan and add.'

③ Click "Add" and the device will be added.

3. Connect your RCW-600 device to your local WiFi network

A. Make sure your RCW-600 device is in configuration mode:



Configuration mode symbol 

If not in configuration mode, press reset button with pen for 5 seconds

- B. Make sure your smartphone is connected to your local 2.4G WiFi network (5G not supported!) with which you need the RCW-600 device to connect with.
- C. In the Elitech app press on the WiFi symbol  of your device to enter the WiFi configuration screen. Your local WiFi network name with which your smartphone is connected will appear in the configuration screen and your corresponding WiFi password will be requested.
- D. After entering the WiFi password press on the 'configure' button in order to start the WiFi configuration. You will now see that the smartphone app will enter in 'connection testing' mode. If this connection testing is performed successfully your RCW-600 device is now connected to your network. The configuration mode symbol on your device has now changed to the WiFi symbol and includes the name of your network name.
- E. It is possible that you will need to perform several 'connection testing' attempts before you obtain a successful connection. If after 5 attempts you still receive a 'time out' message, please reset the RCW-600 device and try again with another available network in order to investigate potential issues with previous network. Also make sure there are no other local network restrictions which may prevent the RCW-600 device to connect successfully.