

RCW-800 WiFi

USER MANUAL

Overview

RCW-800 WiFi is a temperature and humidity remote monitor based on IoT technology. It can be widely used in foodstuffs, catering, logistics and HACCP System industries and so on. With a combination of Wi-Fi, Elitech App and Elitech iCold Platform, users can remotely view, monitor and manage data online via any web browsers or smart phones.

The device has one temperature and one humidity sensor and it is equipped with built-in rechargeable lithium battery that can provide real-time data uploading and alarm notifications continuously even after power outages and blackouts.

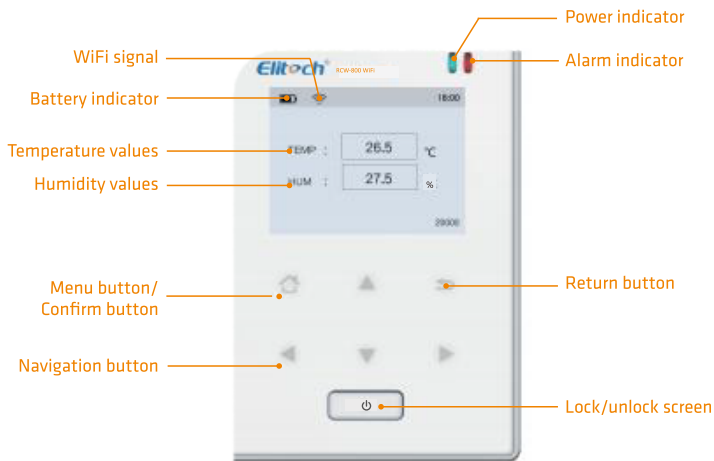
Features

- High sensitivity probe, short response time
- Keep running up to 6 hours after power supply cut-off
- Configurable alarm thresholds. Audio and visual alerts when beyond thresholds
- Customized uploading interval from 1minute to 24 hours
- 20,000 recording points on device, unlimited recording points on the Cloud server
- Wi-Fi access points for real-time data collecting and upload to the Cloud platform
- Flexible data exporting, can export in multiple formats via the Cloud platform

Technical parameters

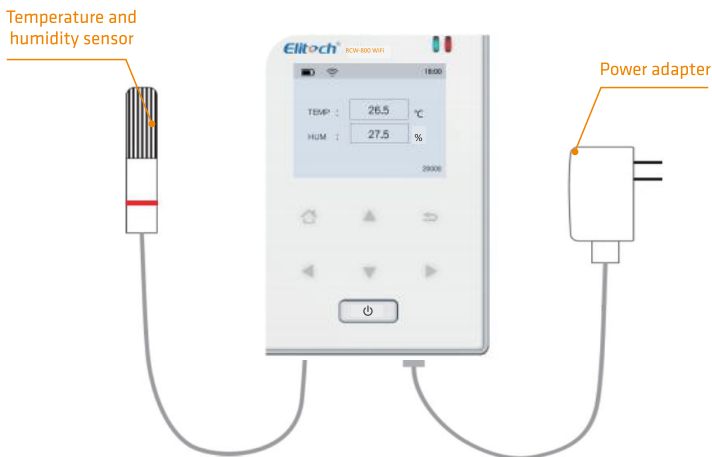
- Power supply: 5V/1A (DC)
- Measurement range:
Temperature: -40°C~80°C/-40°F~176°F
Humidity: 10%RH~95%RH
- Accuracy:
Temperature: $\pm 0.5^{\circ}\text{C}/\pm 1^{\circ}\text{F}$ (-20°C~40°C/-4°F~104°F) $\pm 1^{\circ}\text{C}/\pm 2^{\circ}\text{F}$ (Others)
Humidity: $\pm 5\%\text{RH}$
- Temperature resolution: 0.1°C/°F
- Temperature sensor: NTC;
- Humidity sensor: Honeywell
- Temperature/Humidity sensor wire length: 2m
- Data uploading interval: 1minute to 24 hours
- Off-line record capacity: 20,000 recording points
- Online Cloud Recording Capacity: Unlimited
- Alarm output: LED indicator, buzzer, e-mails, Elitech iClod Platform/App push notification etc.
- Communication Method: WiFi
Battery: 3.7V, 1100mAH rechargeable lithium battery

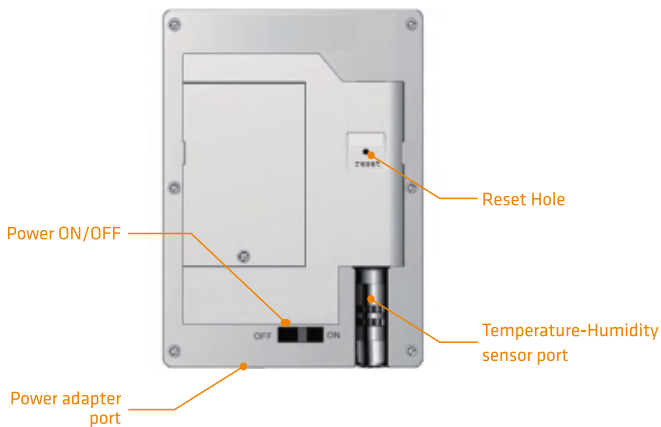
Appearance



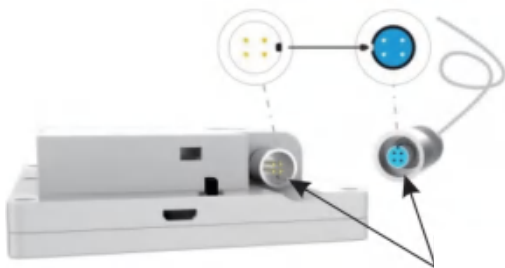
Front View

Installation





Back View



Plug the Temperature-Humidity sensor into the sensor port by matching the correct pins

Sensor Install

Touch Buttons:

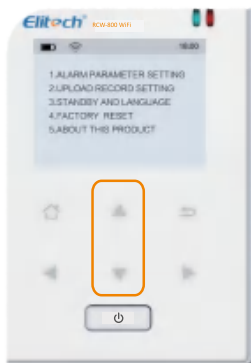
-  enter the selected menu
-  shift left/right to change the parameter
-  shift up/down to select the desired menu option
-  back to previous windows
-  Lock/unlock the screen

GUID Information

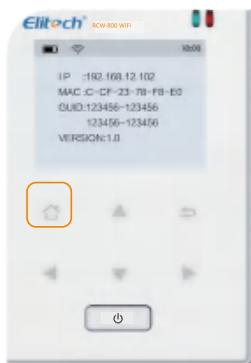
Step 1: Click Menu key on the device



Step 2: Move the cursor to " 5. ABOUT THIS PRODUCT" by using Up and Down Key



Step 3: Click Menu to confirm this option and view the GUID (20-digit numbers)



WiFi Configured Operation

Please turn ON the monitor first and follow the setup steps below:

1. Download and Login

Please scan the QR code on the front of the manual or search Elitech iCold on App store or Google Play to download Elitech iCold app.

Register and log in to your account

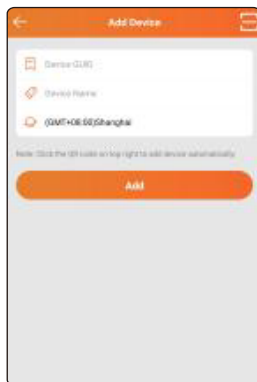


2. Add Device & Wi-Fi Configuration

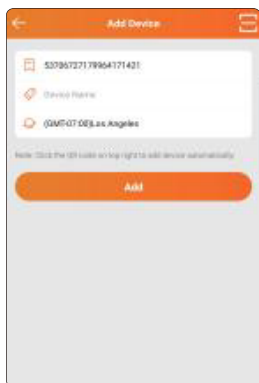
① Click “” at the top right of the APP



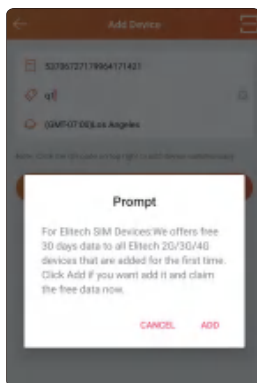
② Click “” to scan the QR code at the back of the device



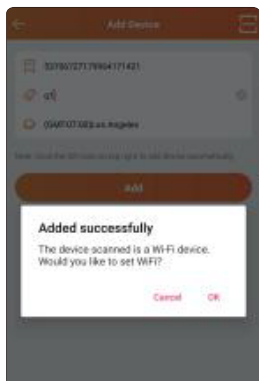
③ Enter a device name and then click the button **"Add"**



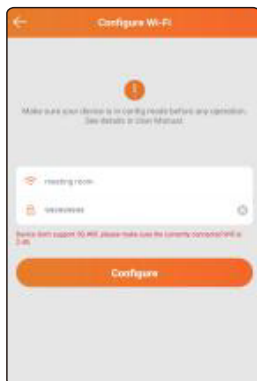
④ At the pop-up page, click **"ADD"**



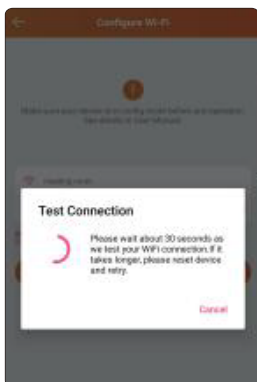
⑤ "Device added successfully!" pop up. Click **"OK"** for Wi-Fi configuration.



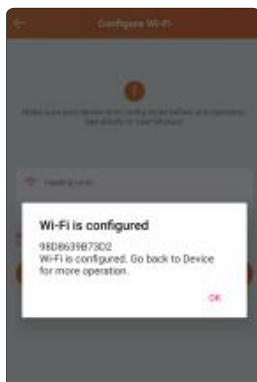
⑥ Enter in password and then click **"Configure"** button



⑦ Waiting configure



⑧ Configured Successful!

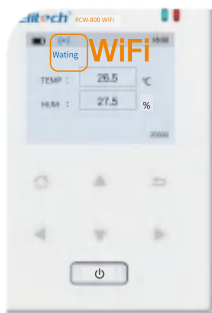


3. Reset Device

To re-configure the WiFi setting, please hold the “**reset**” hole for more than 5 seconds until it restarts and the symbol “**Waiting**” turns out. (Note: This step must be performed before network configuration)

Keep the device on, prick the reset hole for 5 seconds to restart the device.

“**Waiting**” turns out.



Login Cloud Portal

Please type in the URL <http://www.i-elitech.com> to log in for more operation, Click "**Help**" to obtain Cloud and App operation instructions



Elitech iCold Platform: www.i-elitech.com