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.
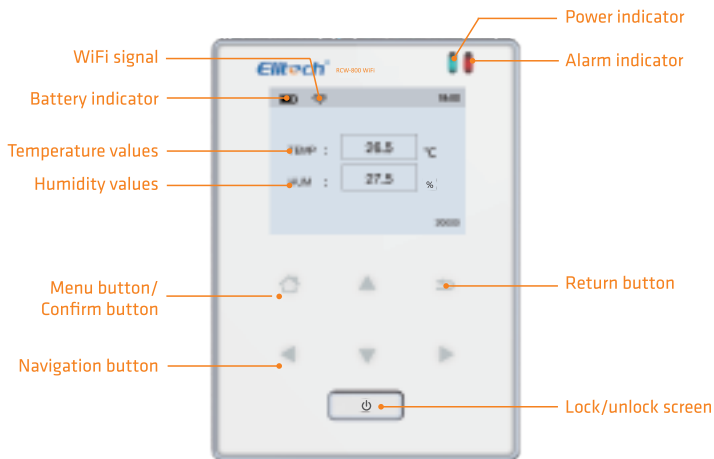
Features

- 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
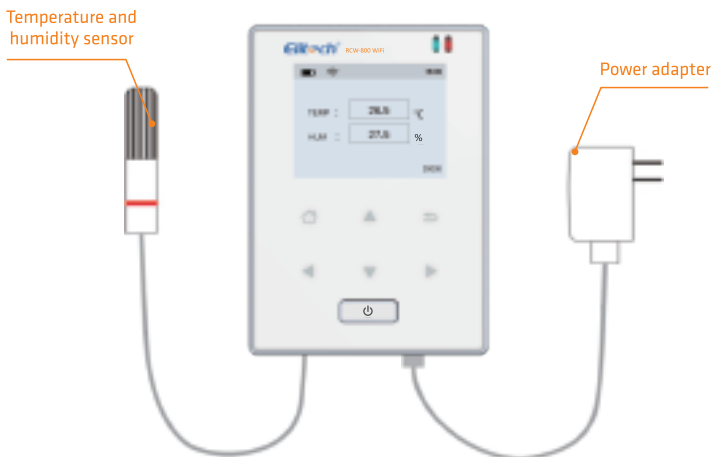
Technical parameters

- Power supply: 5V/1A (DC)
- Measurement range:
  Temperature: -40°C~80°C/-40°F~176°F
  Humidity: 10%RH~95%RH
- Accuracy:
  Temperature: ±0.5°C/±1°F (-20°C~40°C/-4°F~104°F)±1°C/±2°F (Others)
  Humidity: ±5%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
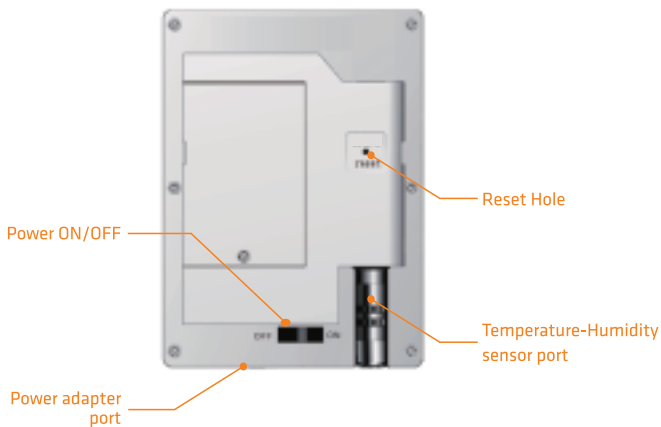 Battery: 3.7V, 1100mAH rechargeable lithium battery
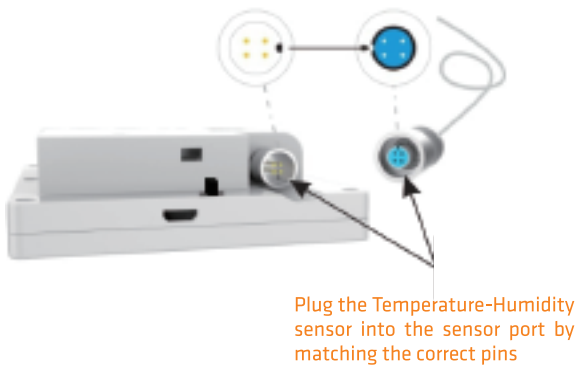
Appearance

WiFi signal

Battery indicator

Power indicator

Alarm indicator

Temperature values

Humidity values

Menu button/
Confirm button

Return button

Navigation button

Lock/unlock screen

Front View

Installation

Temperature and
humidity sensor

Power adapter

Reset Hole

Power ON/OFF

Temperature-Humidity
sensor port

Power adapter
port

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

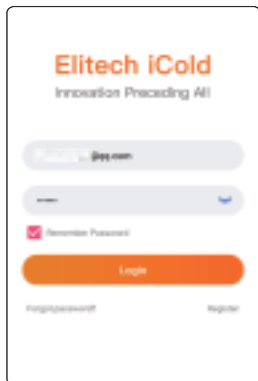**Step 3:** Click Menu to confirm this option and view the GUID （20-digit numbers）

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.
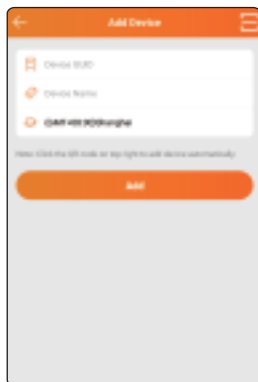
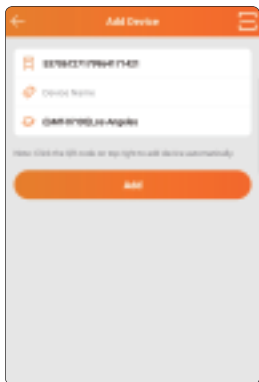Register and log in to your account

2. Add Device & Wi-Fi Configuration
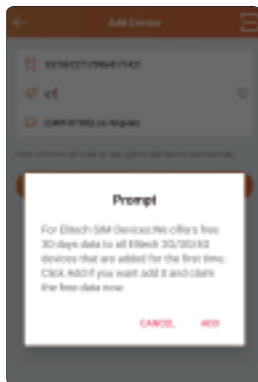
① Click " ➕ " at the top right of the APP

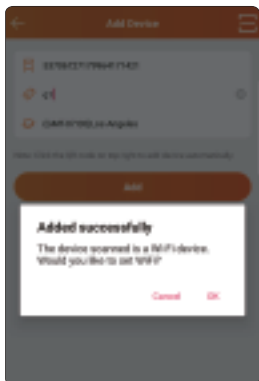② Click " ▤ " to scan the QR code at the back of the device
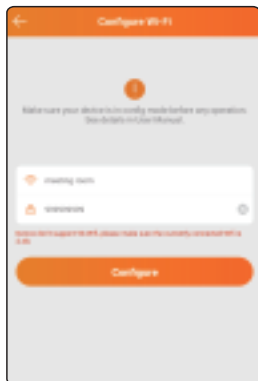
③ Enter a device name and then
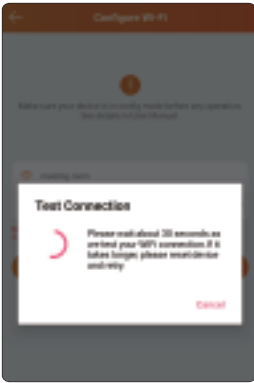click the button "**Add**"

④ At the pop-up page, click "**ADD**"

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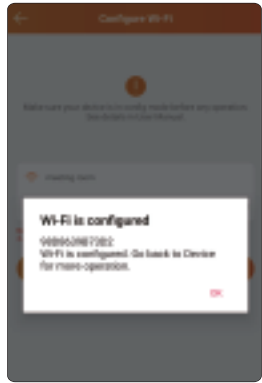Click "**OK**" for Wi-Fi configuration.

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

APP Android

IOS APP

Elitech iCold Platform: www.i-elitech.com