RCW-800WIFI
USER MANUAL

Overview

RCW-800WiFi 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 WiFi, Elitech App and Cloud 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.
◆ Configurable uploading interval between 1 minute to 24 hours.
◆ 20,000 recording points on device, unlimited recording points on the Cloud server.
◆ WiFi 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; Humidity: 10%RH~95%RH
◆ Accuracy: Temperature: ±0.5°C (-20°C~ 40°C); ± 1°C (others); Humidity: ±5%RH
◆ Temperature resolution: 0.1°C
◆ Temperature sensor: NTC; Humidity sensor: Honeywell
◆ Temperature/Humidity sensor wire length: 2m
◆ Data uploading interval: 1 minute to 24 hours
◆ Off-line record capacity: 20,000 recording points
◆ Online Cloud Recording Capacity: Unlimited
◆ Alarm output: LED indicator, buzzer, e-mails, Cloud platform/App push notification etc.
◆ Communication Method: WiFi
◆ Battery: 3.7V, 1100mAH rechargeable lithium battery
**Appearance**

- WiFi signal
- Battery indicator
- Temperature values
- Humidity values
- Menu button/Confirm button
- Navigation Button
- Power indicator
- Alarm indicator
- Return button
- Lock/unlock screen

**Installation**

- Temperature and humidity sensor
- Power adapter

**The front of the device**
Touch Buttons:

- **Home icon**: enter the selected menu.
- **Shift left/right**: change the parameter.
- **Shift up/down**: select the desired menu option.
- **Back icon**: back to previous windows.
- **Lock/Unlock icon**: lock/unlock the screen.
GUID Information

Get device GUID

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 Configuration

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

1. Connect to device's network

Use a smart phone or PCs to search and connect corresponding device's WiFi under the name of '800wifi*****'.

![Image of WiFi configuration on a mobile device and a computer network settings window.](image-url)
2. Reset
Prick the Reset hole for 5 seconds to reset the device if you want change device’s WiFi access.

Keep the device on, prick the Reset hole for 5 seconds and restart the device.

The symbol after reboot.

3. IP address
Type in IP address in any web browser: http://192.168.2.1/.

4. Login
Default user name: admin
Default password: admin.
5. Settings
Step 1: Select “STA mode” and click “Next”.

Step 2: Click “Scan”.

Step 3: Select a desired WLAN, such as “ATK-CFBE”.
Step 4: Click “OK”.

Please select your current wireless network

<table>
<thead>
<tr>
<th>SSID</th>
<th>BSSID</th>
<th>RSSI</th>
<th>Channel</th>
</tr>
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<td>4</td>
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<tr>
<td><strong>ATK-CFBE</strong></td>
<td><strong>88:25:32:3A:CF:BE</strong></td>
<td><strong>86</strong></td>
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<td>yf</td>
<td>2:1A:11:FB:2C:7D</td>
<td>49</td>
<td>6</td>
</tr>
</tbody>
</table>
Step 5: Enter WLAN password.
Step 6: Click “Save”.

Step 7: Click “Restart”.

Saved Successfully!
Configurations will take effect after restart.
After restart, you will need to re-login the configuration interface for other settings, so it is recommended to restart after completing all settings.
Please click [Restart] to restart now, or click [Back] to continue setting. You can restart after all configuration.

Step 8: Rebooting Successful! The device is restarted successfully.

Rebooting Successful!
You can choose to manually close the page or reconnect the WIFI module of network and then login to the configuration interface.
Elitech App

1. Download and Login:
Please scan the QR code on the front of the manual or search Elitech on App Store or Google Play to download Elitech app.
Register and login to your account.

![Login Screen](image)

2. Add Device
Follow the steps below and repeat the procedures in 'WiFi Configuration' to network the devices.

1. Click "+".
2. Click and scan the QR code on the back of the device.
3. Click "Add" and the device will be added.

Elitech Cloud

1. Login Cloud Portal
Please type in the URL http://www.i-elitech.com to login for more operation. Click 'Help' to obtain Cloud and App operation instructions.

2. Top up SIM card (only for GPRS Version)
If your device is not a Wi-Fi one, please refer to the App Instruction Manual to recharge your SIM card. You may experience it for two month for free.