

# RCW-800WIFI USER MANUAL

Elitech cloud login: [www.i-elitech.com](http://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-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.

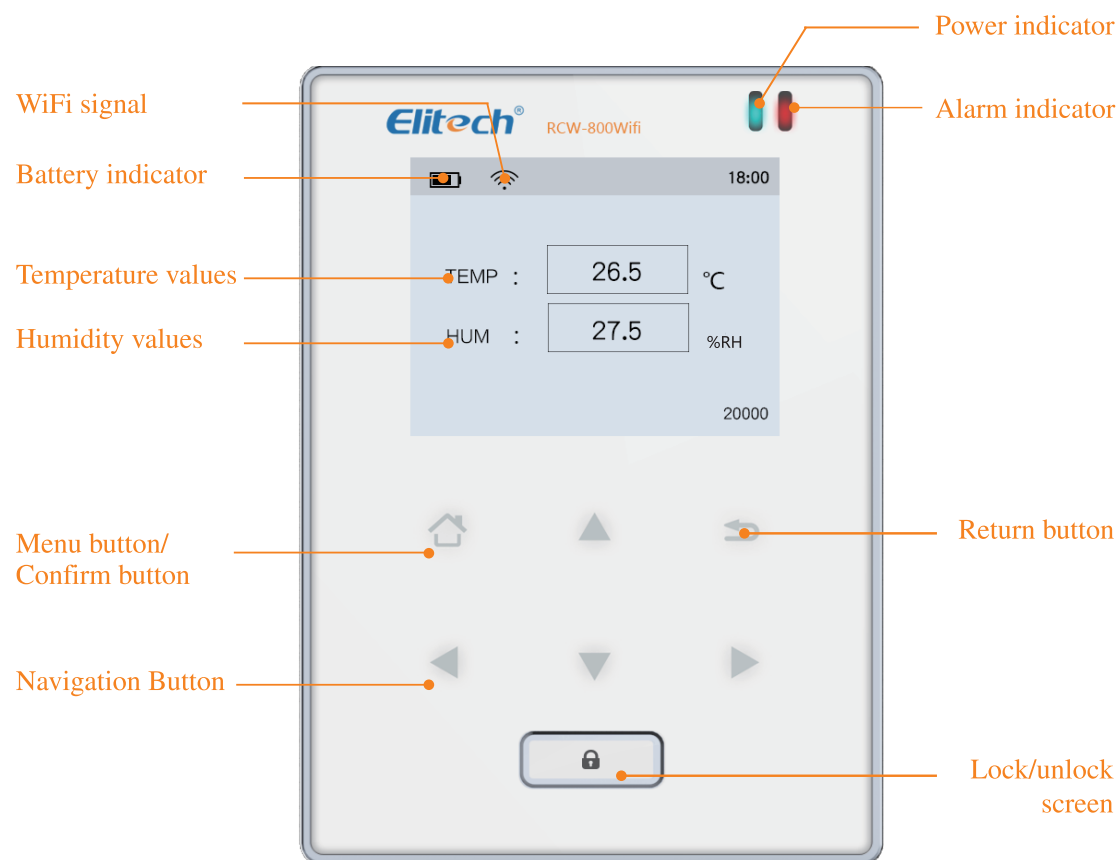
## Features

- ◆ 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℃~80℃; Humidity: 10%RH~95%RH
- ◆ Accuracy: Temperature:  $\pm 0.5^{\circ}\text{C}$  (-20℃~ 40℃);  $\pm 1^{\circ}\text{C}$ (others); Humidity:  $\pm 5\%$  RH
- ◆ Temperature resolution: 0.1℃
- ◆ 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

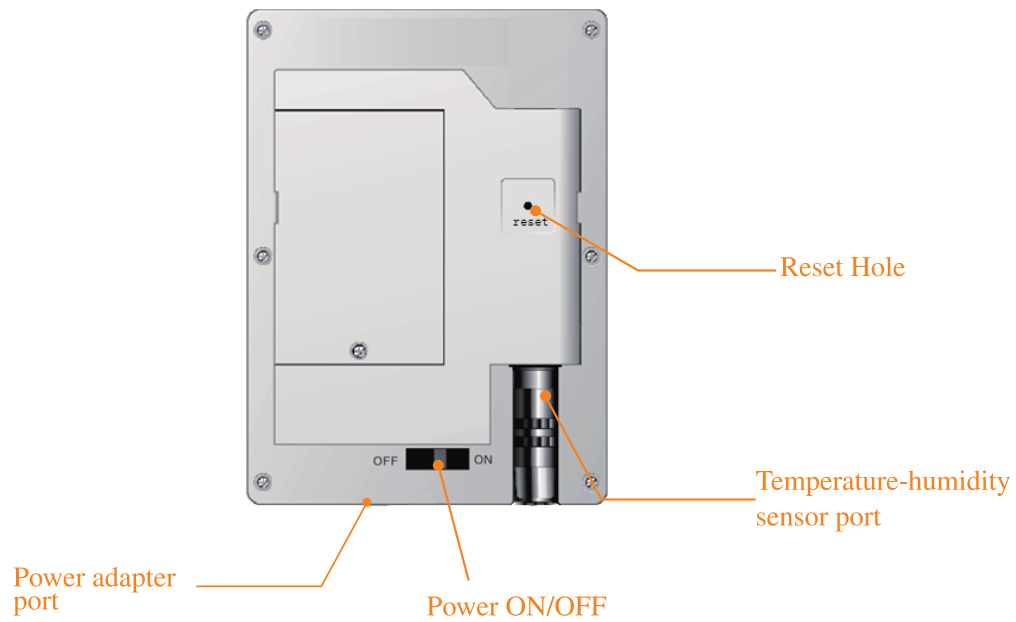
## Apperance



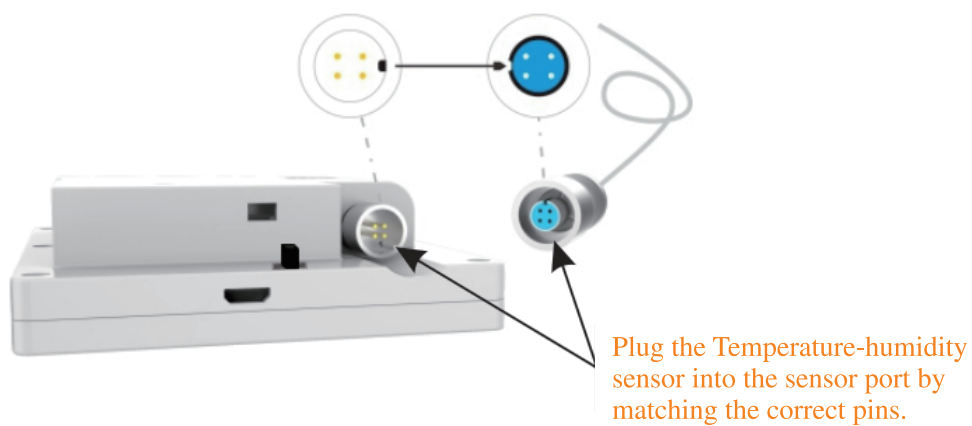
## Installation



The front of the device










**The back of the device**



**How to install the sensor**

## 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

## 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.

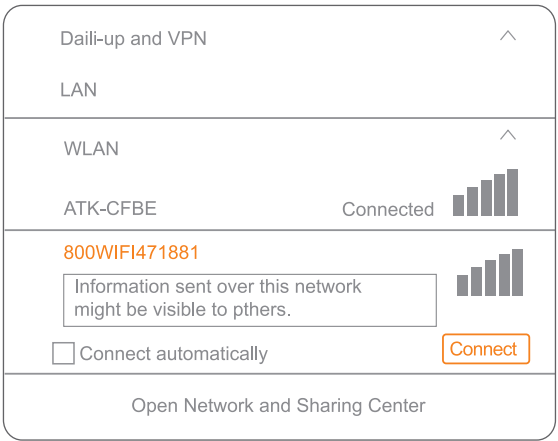
Step 3: Click Menu to confirm this option and view the GUID(20-digit numbers).

# WiFi Configuration

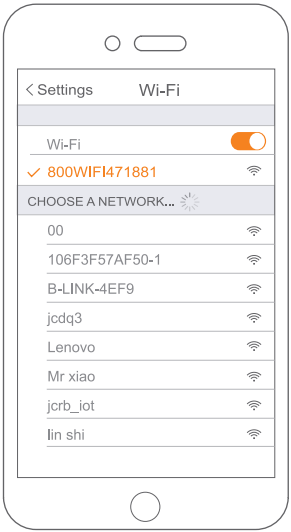
Please turn ON the monitor first and follow the setup steps below.

## 1. Connect to device’s network

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



PCs



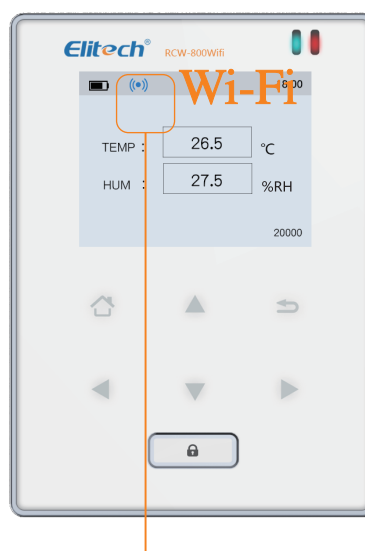
Phones

## 2. Reset

Prick the Reset hole for 5 seconds to reset the device if you want change device's WiFi access.



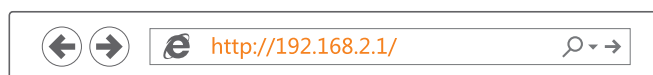
Keep the device on, prick the Reset hole for 5 seconds and restart the device.



The symbol after reboot.

## 3. IP address

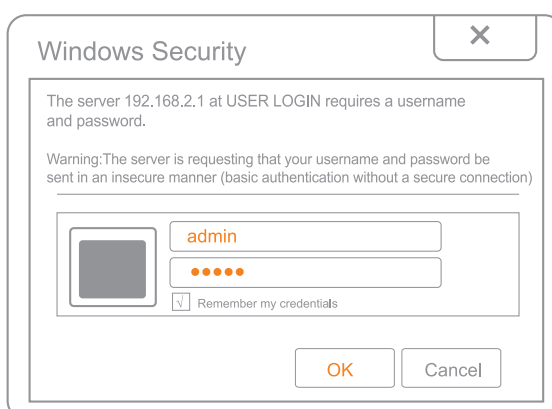
Type in IP address in any web browser: <http://192.168.2.1/>.



## 4. Login

Default user name: admin

Default password: admin.



5. Settings

Step 1: Select “STA mode” and click “Next”.

Select Mode

Select Mode:

▼

STA mode

Next

Step 2: Click“Scan”.

Network Name ( SSID )

Note:case sensitive

UPGRADE-AP

Scan

Encryption Method

Disable

▼

Obtion an IP address automatically

Enable

▼

IP Address

0.0.0.0

Subnet Mask

0.0.0.0

Gateway

0.0.0.0

DNS Server Address

10.10.100.254

Save

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

Step 4: Click“OK”.

Please select your cerrent wireless network

Site Survey

	SSID	BSSID	RSSI	Channel
●	MR xiao	90:C7:D8:E6:13	45	4
●	ATK-CFBE	88:25:93:3A:CF:BE	86	6
●	yl	2:1A:11:FB:2C:7E	49	6
●	FAST-07B2	78:EB:14:7D:7:B2	49	6

OK

Refresh

Step 5: Enter WLAN password.

Step 6: Click “Save”.

Network Name ( SSID ) Note: case sensitive	ATK-CFBE	Scan
Encryption Method	WPA2PSK	
Encryption Algorithm	AES	
Password	<div>••••••••</div> <div><input type="checkbox"/> Show the password</div>	
Obtion an IP address automatically	Enable	
IP Address	0.0.0.0	
Subnet Mask	0.0.0.0	
Gateway Address	0.0.0.0	
DNS Server Address	10.10.100.254	
		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.

Resart

back

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

**Rebooting Successful!**

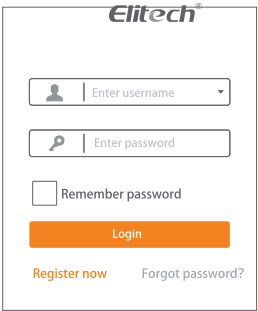
You can choose to manually close the page or  
reconnect the WIFI module of network and then login  
to the configuration interface.

# Elitech App

## 1. Download and Login:

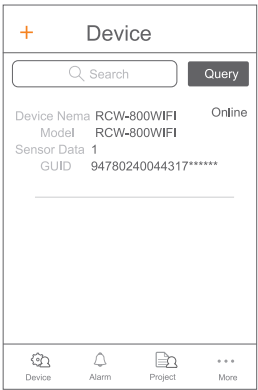
Please scan the QR code on the front of the manual or search Elitech on App Store or Google Play to download Elitech app.

Register and login to your account.

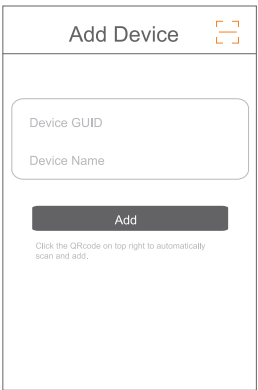


## 2. Add Device

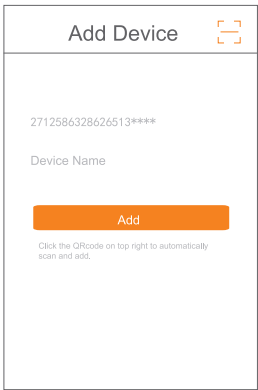
Follow the steps below and repeat the procedures in 'WiFi Configuration' to network the devices.



①Click "+".



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



③Click "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.



**Elitech Technology, Inc.**

1551 McCarthy Blvd Suite 112 Milpitas CA 95035

Sales Support: sales@e-elitech.com

Tech Support: info@e-elitech.com

<http://www.elitechlog.com>