Elitech Smart Wireless Temperature and Humidity Data User Manual

Evite of technology

RCW-800WIFI
USER MANUAL
Elitech cloud login: www.i-elitech.com.

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

http://www.i-elitech.com/commonAction.do?method=iosdl

Contents [**hide**]

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 browser or smartphone.

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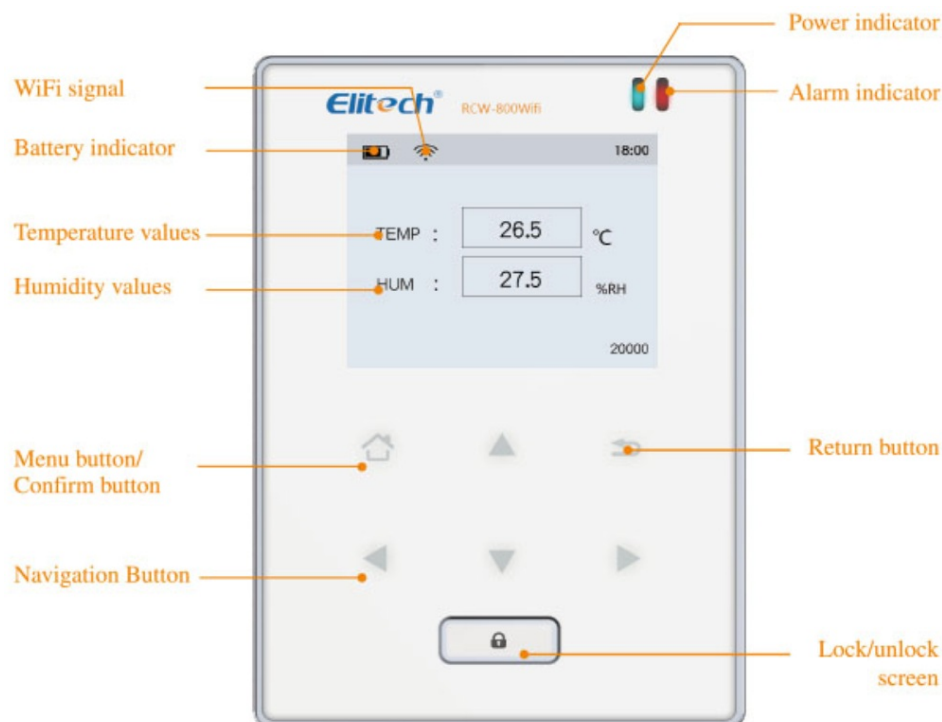
Features

- 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 the 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
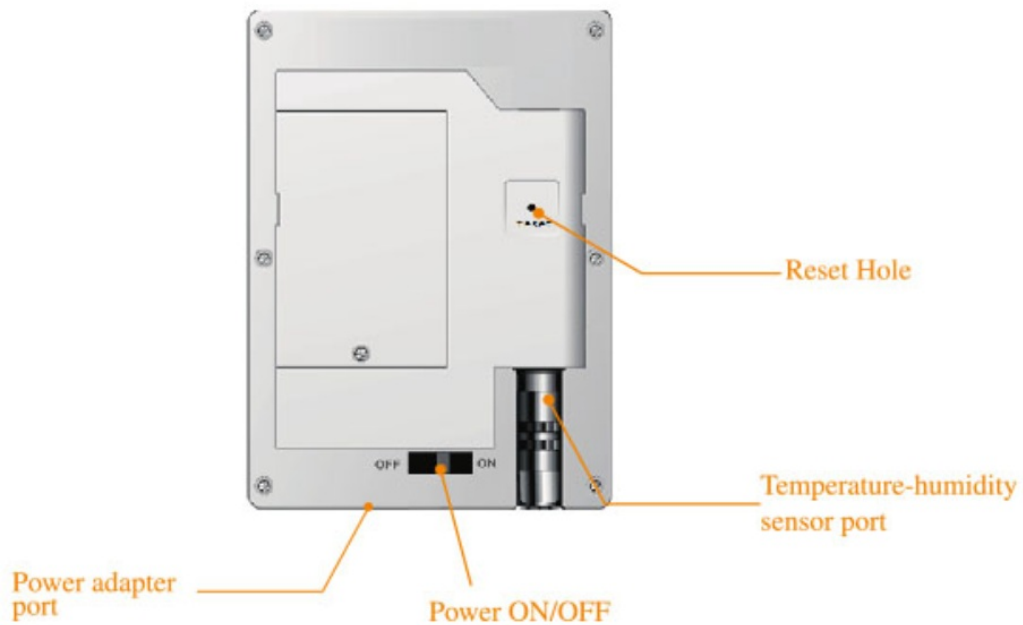- Battery: 3.7V, 1100mAH rechargeable lithium battery
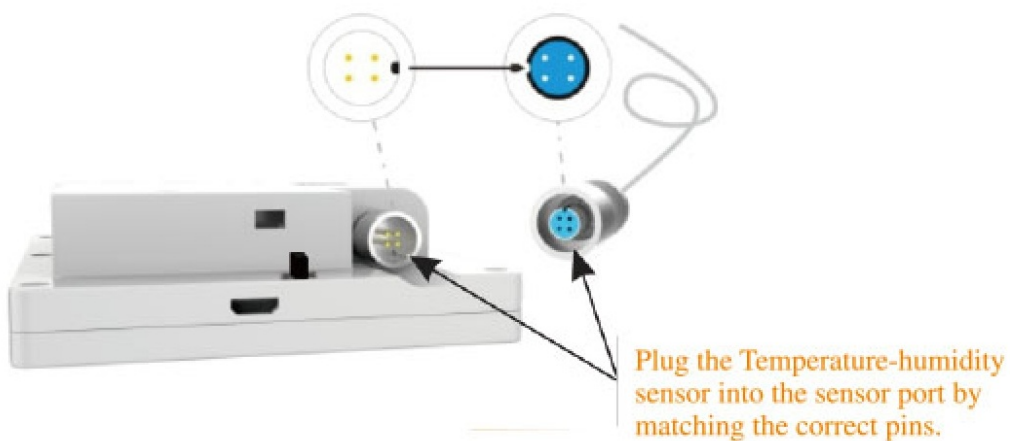
Appearance

Installation

Temperature and
humidity sensor

Power adapter

TEMP : 26.5 ℃

HUM : 27.5 %RH

20000

The front of the device

Reset Hole

Temperature-humidity
sensor port

OFF ON

Power adapter
port

Power ON/OFF

The back of the device

Plug the Temperature-humidity
sensor into the sensor port by
matching the correct pins.

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 .

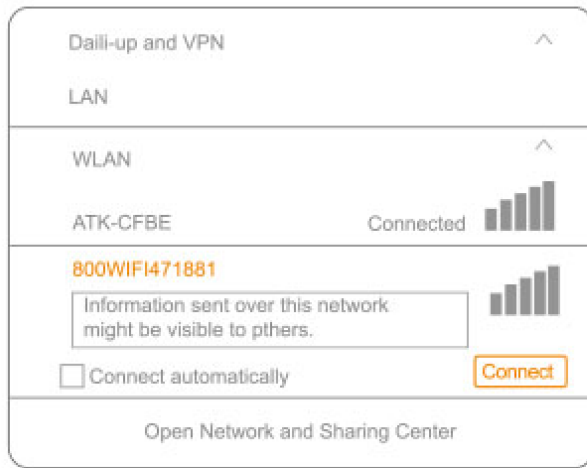Step 2: Move the cursor to "5. ABOUT THIS PRODUCT" by using Up and Down key.

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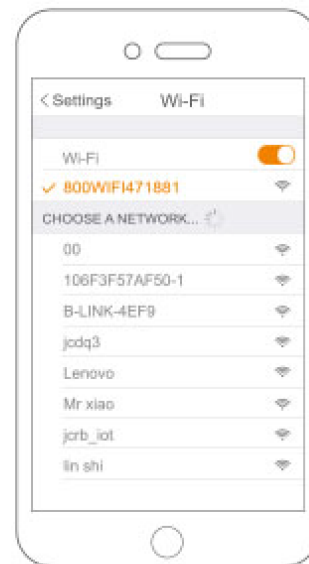
WiFi Configuration

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

1. **Connect to device's network**

   Use a smartphone or PCs to search and connect the 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.
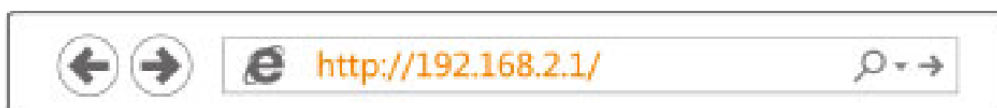

Keep the device on, prick the Reset hole for 5 seconds and restart the device.

The symbol after reboot.
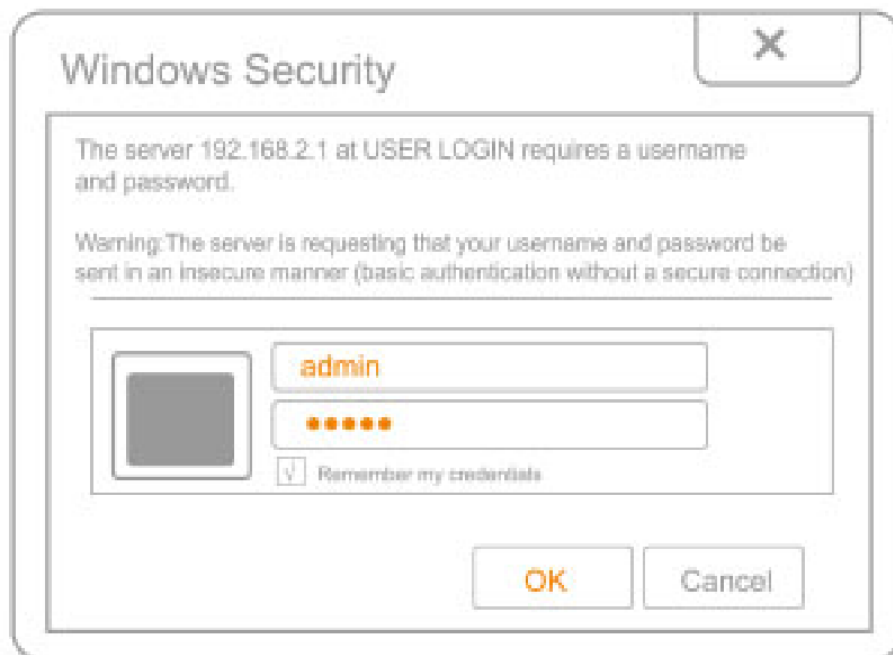
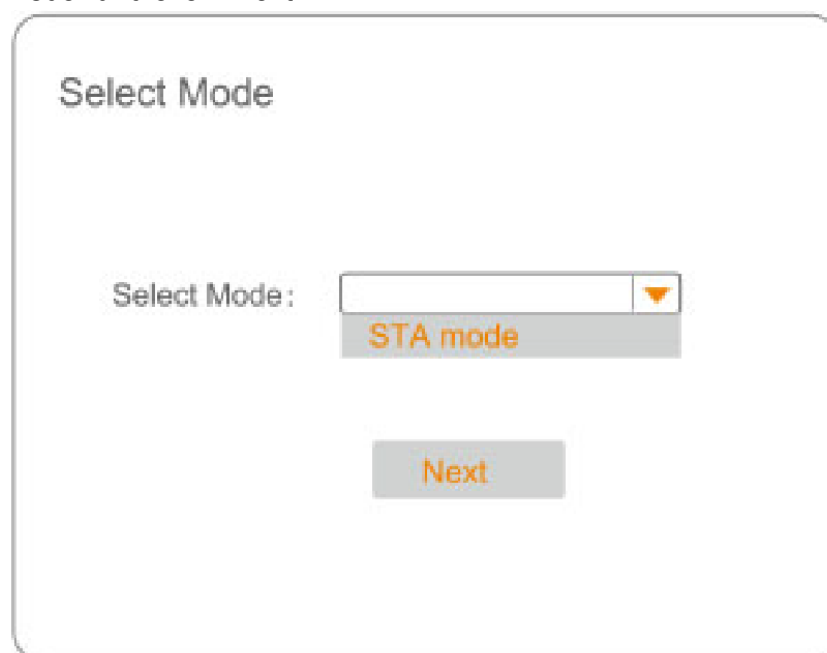3. **IP address**

Type in IP address in any web browser: **http://192.168.2.1/**

4. **Login**

Default user name: admin

Default password: admin.

Settings
Step 1: Select "STA mode" and click "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 the 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 the WLAN password.
Step 6: Click "Save".

Netwok Name (SSID) Note: case sensitive	ATK-CFBE	Scan
Encryption Method	WPA2PSK ∨	
Encryption Algorithm	AES ∨	
Password	●●●●●●● 📶	
	☐ Show the password	
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

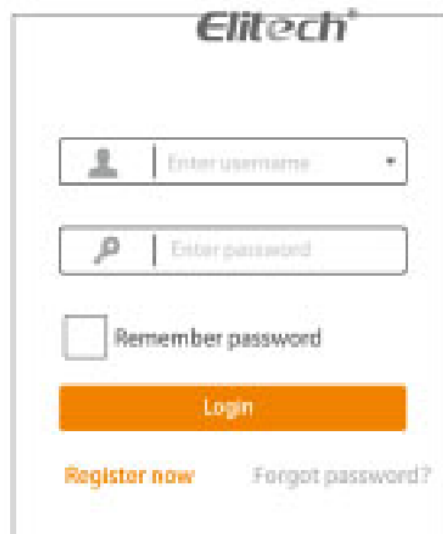**Step 8: Rebooting Successful! The device is restarted successfully.**

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 log in into your account.
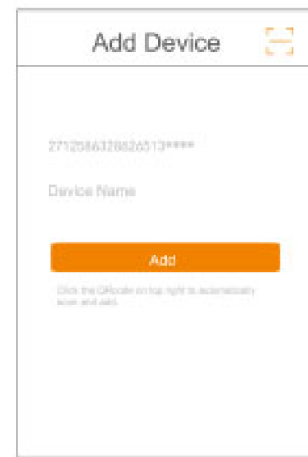

2. Add Device Follow the steps below and repeat the procedures in 'WiFi Configuration' to network the devices.

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–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.

RCW-2000

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Documents / Resources

Elitech *Elite of Technology* RCW-800WIFI USER MANUAL Elitech cloud login: www.i-elitech.com.	**Elitech Smart Wireless Temperature and Humidity Data** [pdf] User Manual Smart Wireless Temperature and Humidity Data, 06-RCW-800 wifi