

RCW-600WIFI USER MANUAL

Elitech cloud login: 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-600WiFi is a two-channel temperature monitor based on IoT technology. It can be widely used in foodstuffs, catering, logistics and HACCP industries. 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 wireless monitor equipped with two temperature sensors and a built-in rechargeable lithium battery that can continuously provide real-time data uploading and alarm notifications even after power outages or blackouts.

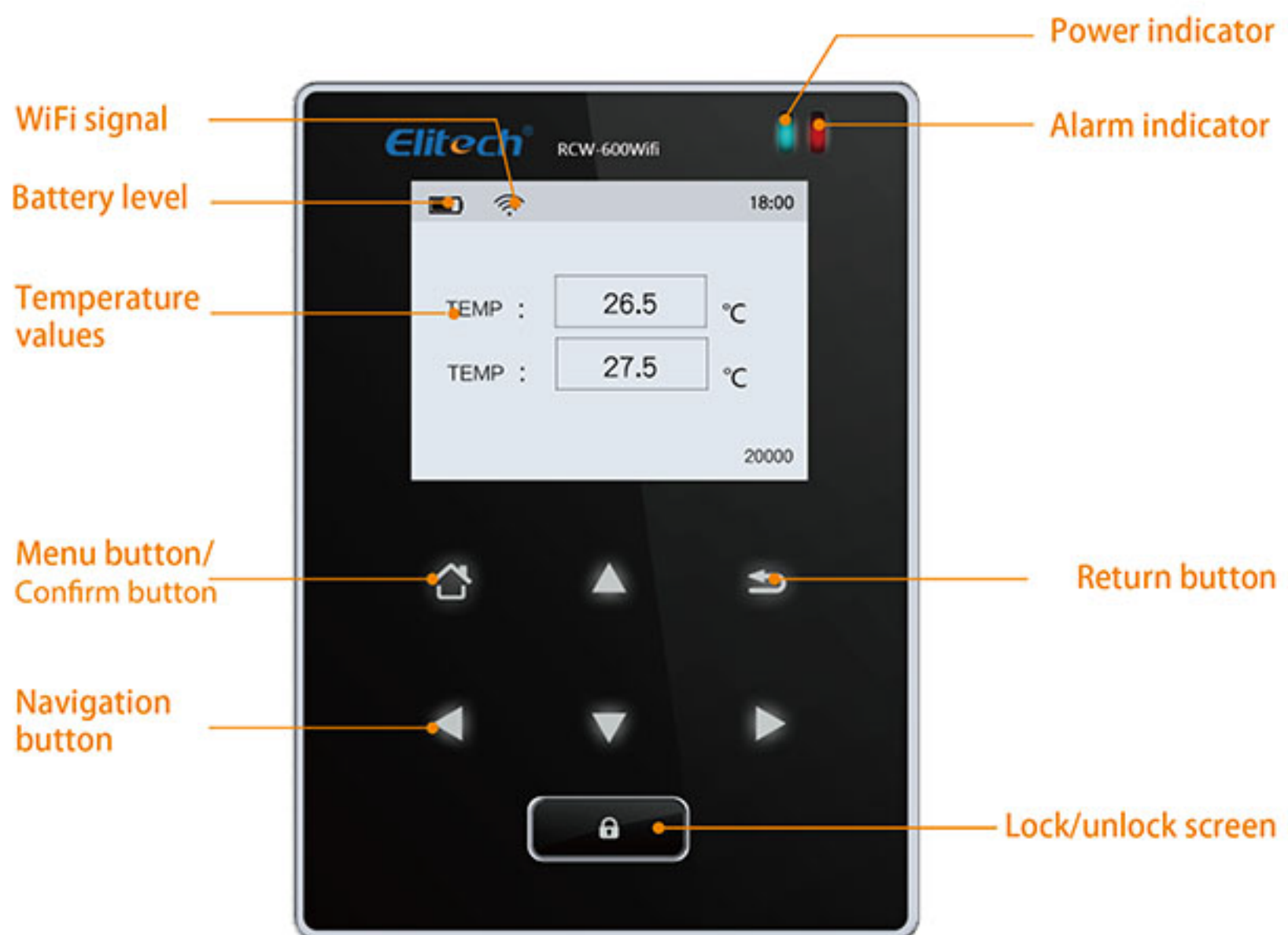
Features

- ◆ 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.

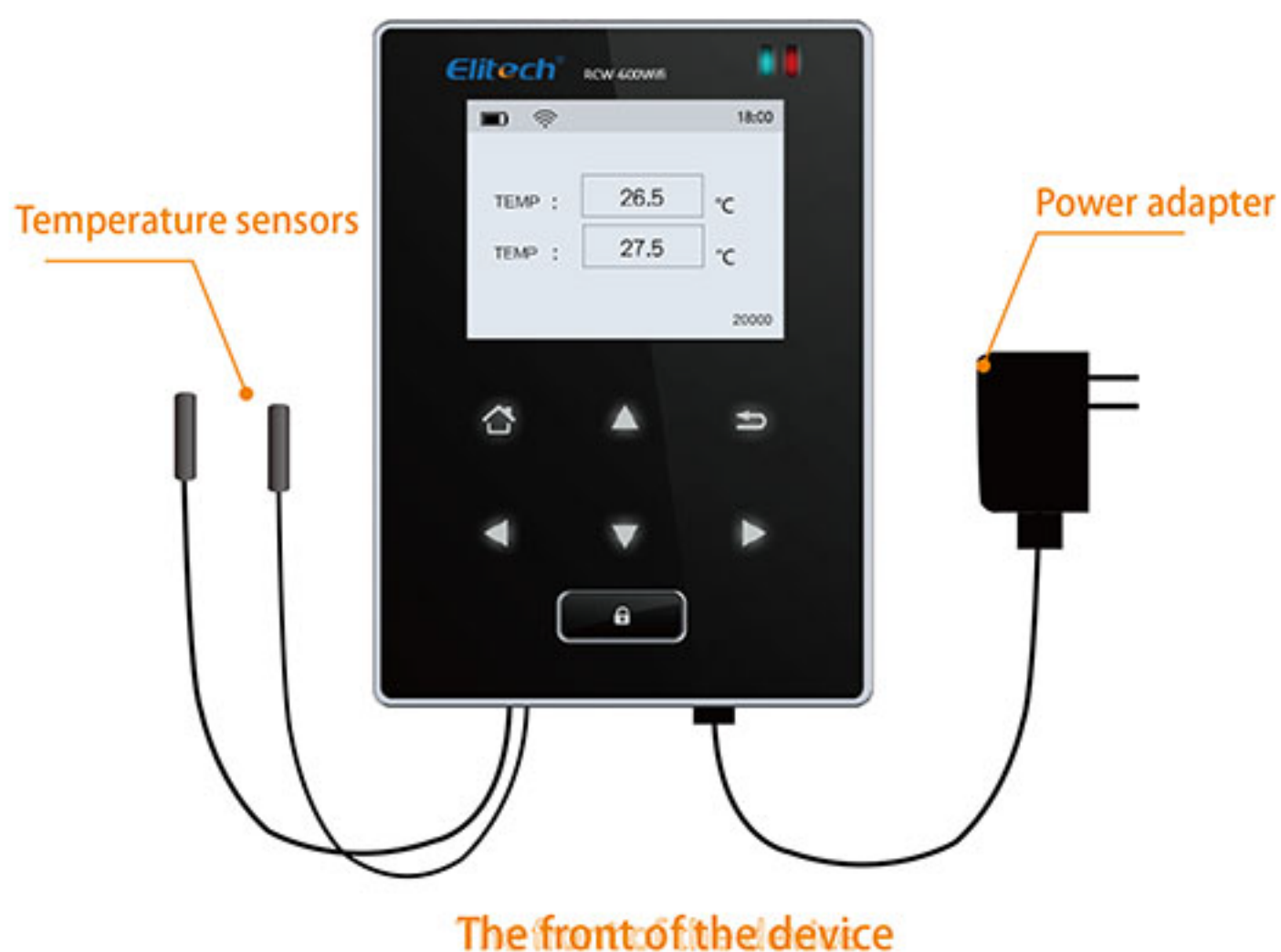
Technical Parameters

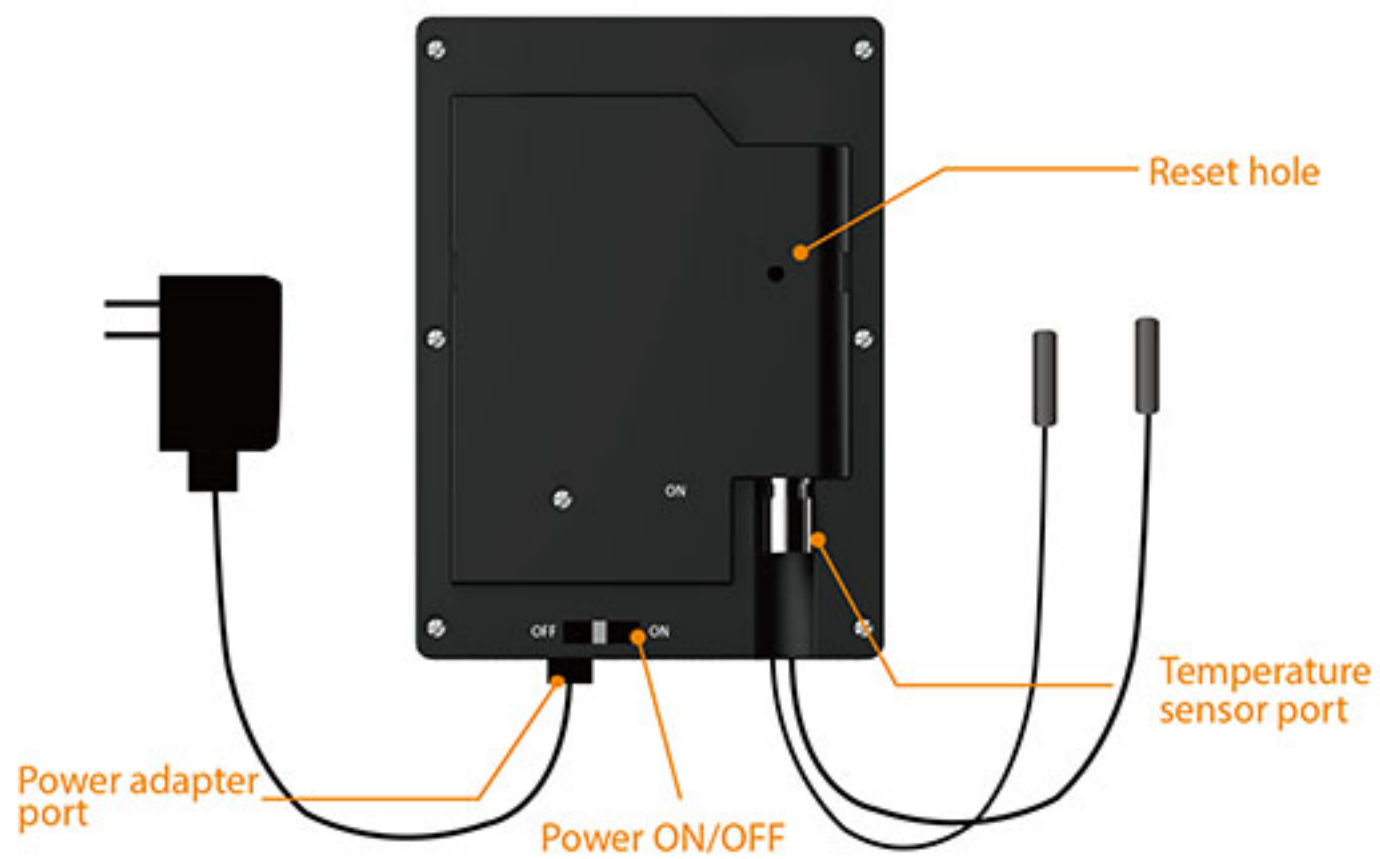
- ◆ Power supply: 5V/1A(DC)
- ◆ Measurement range: Temperature: -40°C~80°C
- ◆ Accuracy: Temperature: $\pm 0.5^{\circ}\text{C}$ (-20°C~ 40°C); $\pm 1^{\circ}\text{C}$ (others)
- ◆ Temperature resolution: 0.1°C
- ◆ Logging interval: 1 minute to 24 hours
- ◆ Memory capacity: 20,000 recording points
- ◆ Alarm output: LED indicator, buzzer, e-mails, Cloud platform/App push notification etc.
- ◆ Uploading mode: WiFi
- ◆ Battery: 3.7V, 1100mAH rechargeable lithium battery

Appearance

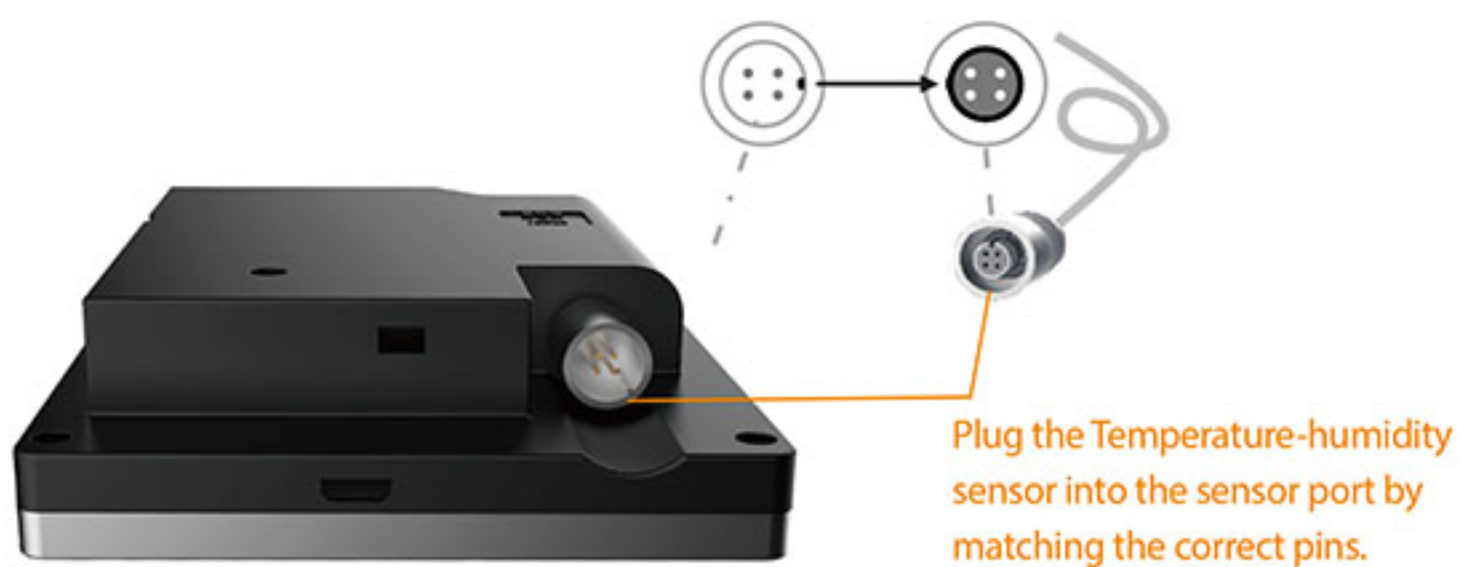


Installation












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 button on the device.



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



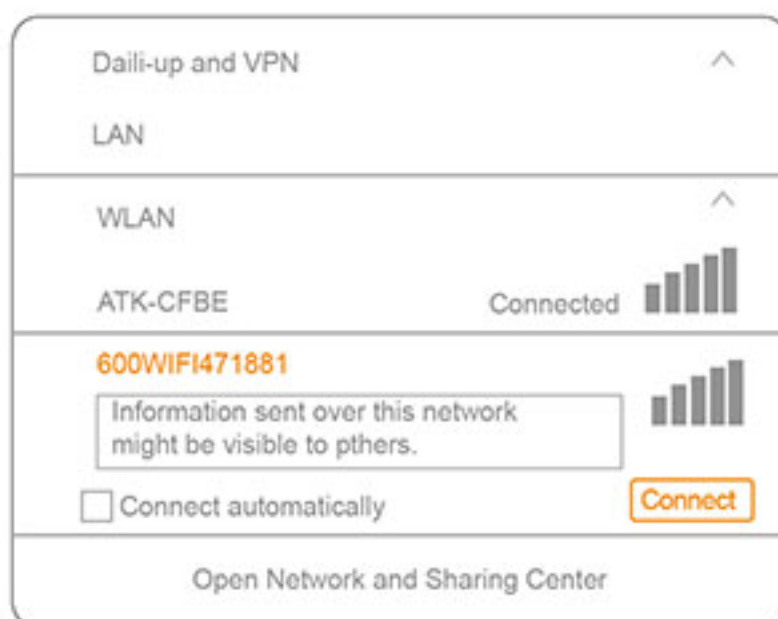
Step 3: Click Menu to confirm this option and view the GUID (20-digit numbers).

WiFi Configuration

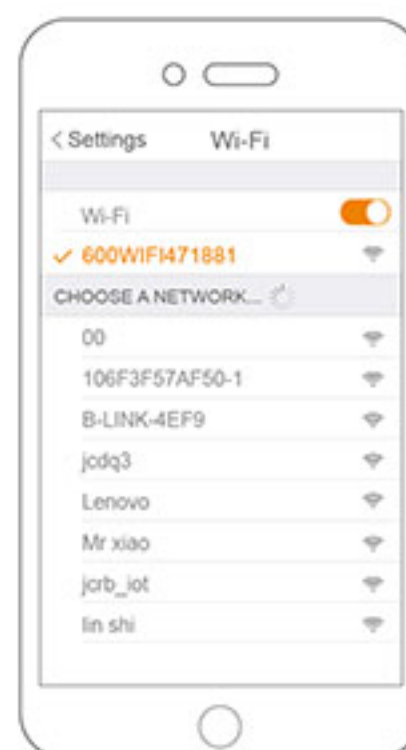
Please turn ON the monitor first and follow the setup steps below.

1. Connect to device's network

Use a smart phone or PCs to search and connect corresponding device's WiFi under the name of: '600wif*****'.



PCs



Phones

2. Reset

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



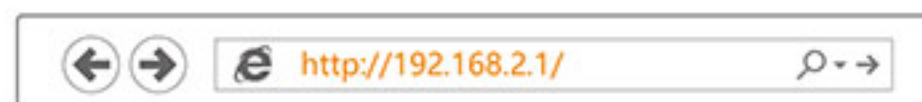
Keep the device on, prick the Reset hole for 5 seconds to restart the device.



The symbol will shows 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>	
Obtain 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.

Restart

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.

The login screen of the Elitech app. It features the Elitech logo at the top. Below it are two input fields: one for 'Enter username' with a person icon and one for 'Enter password' with a key icon. There is a checkbox labeled 'Remember password'. Below these is an orange 'Login' button. At the bottom, there are two links: 'Register now' in orange and 'Forgot password?' in grey.

2. Add Device

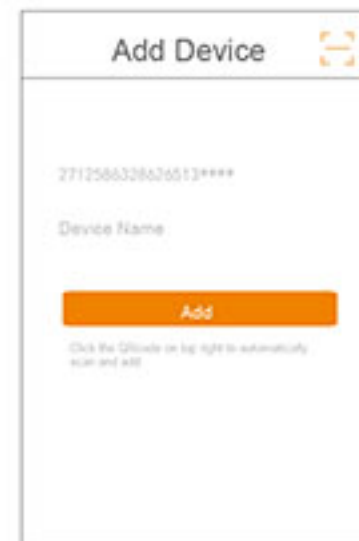
Follow the steps below and repeat the procedures in 'WiFi Configuration' to network the devices.

The 'Device' screen in the app. It has a header with a '+' icon and the title 'Device'. Below the header is a search bar with a magnifying glass icon and a 'Query' button. The main area displays device information: 'Device Name: RCW-600WIFI', 'Model: RCW-600WIFI', 'Sensor Data: 1', and 'GUID: 94780240044317*****'. The status 'Online' is shown in the top right. At the bottom is a navigation bar with icons for 'Device', 'Alarm', 'Project', and 'More'.

①Click "+".

The 'Add Device' screen in the app, showing the second step. It has a header with a QR code icon and the title 'Add Device'. Below the header is a large input field for 'Device GUID'. Underneath is a smaller input field for 'Device Name'. At the bottom is a grey 'Add' button. Below the button is a small instruction: 'Click the QRcode on top right to automatically scan and add'.

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

The 'Add Device' screen in the app, showing the third step. It has a header with a QR code icon and the title 'Add Device'. Below the header, the 'Device GUID' field is pre-filled with '2712586328626513****'. The 'Device Name' field is empty. At the bottom is an orange 'Add' button. Below the button is a small instruction: 'Click the QRcode on top right to automatically scan and add'.

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.



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