INVT WIFI200 Installation Instruction

Monitoring your inverter remotely (WIFI200+Wireless router+ Internet + Mobile/Computer)

Just 3 steps to complete the whole setting
1. Setting WIFI200;
2.Registering the User;
3.Monitoring your PV system.

Preface: Plug in and fasten the WIFI200 into the RS485 port of inverter and

Keep the DC isolator "ON" and AC circuit breakers "OFF".

The most important step is how to connect the WIFI200 to your/customer`s home router.

1. Setting your WIFI200 (by Smartphone APP)

- Download and install APP "iMars PhoneExpert" on Smart phone.
  (APP is available in Apple App Store and Google Play Store)
- Go to Setting function on your phone, and enter to WLAN, find the WIFI signal: "iMars-WiFi "and connect to it.
- Run the "iMarsPhoneExpert" app and Click yellow icon "WIFI200 Setting" to enter the setting interface, and Click Search button, and enter the setting page. Follow below steps.
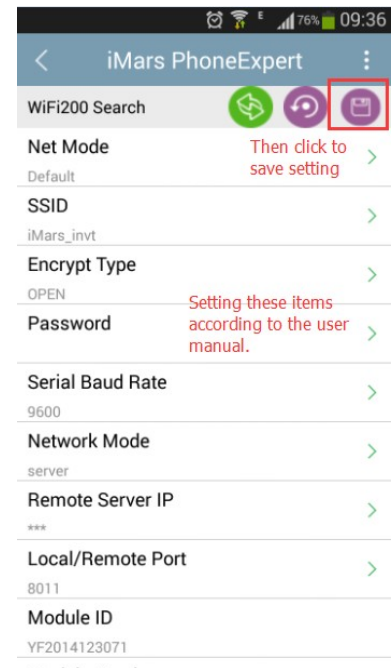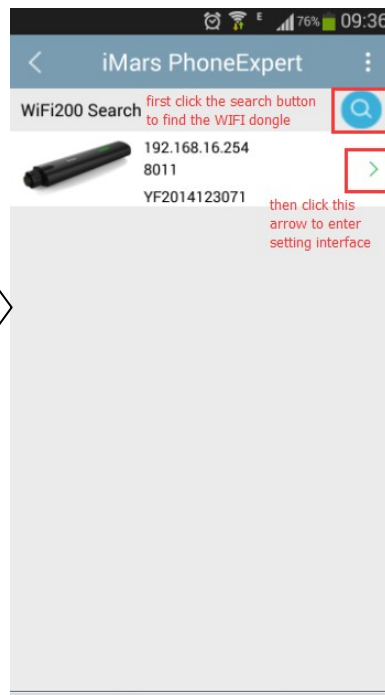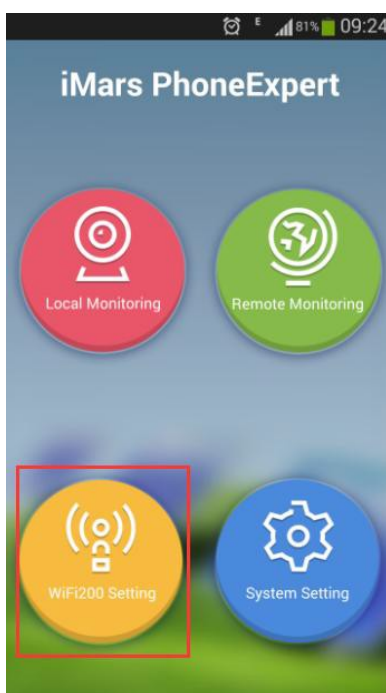
- Which are shown below, changing the listed Parameters in RED words and leave rest as default value.

| Parameter	Setting Value
Net Mode	WiFi-STA
SSID	Name of your home WiFi (You need to choose or key in)
Password	Your home WIFI`s password(You need to key in)
Network mode	client

- After the setting is done, Click the Save [button image] button, now it means that WIFI200 is connected to your router successfully, and then exit the APP
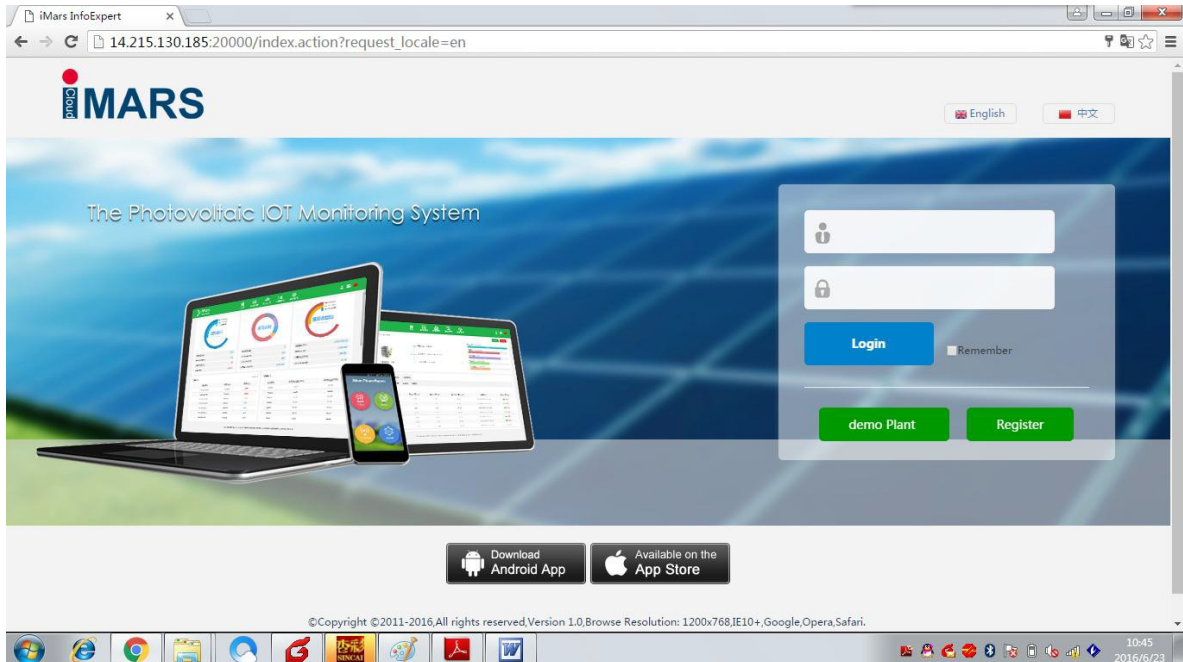
Now, you have completed the setting of the WIFI200 by Smartphone APP

2. Registering a user (through the Website of INVT)

- Turn on your laptop, and has the laptop access to the internet.

- In your browser IE/Chrome/Firefox, key in the **http://www.invt-solar.com/** You will see below page.

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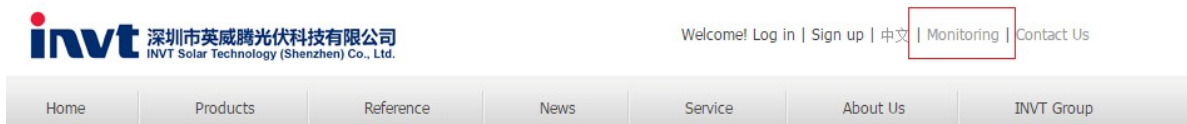
Click Monitoring on the top right corner and below picture will be showed.

Click Register, enter into the registration interface.

Fill in the information accordingly and submit it.

Then the website will back to the Login page.

Please key in the user name and password then Login.

The below page will be showed in your browser.

Give your solar system a name by fill in the" Plant name"

Complete this page then click Confim and below picture will pop-up. Follow the instruction.

Now you created a plant but no devices under it.
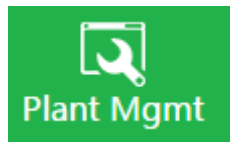
Go to this page, click , click then below page will be showed.

Fill in the information of WIFI200 (dongle)

Base Info

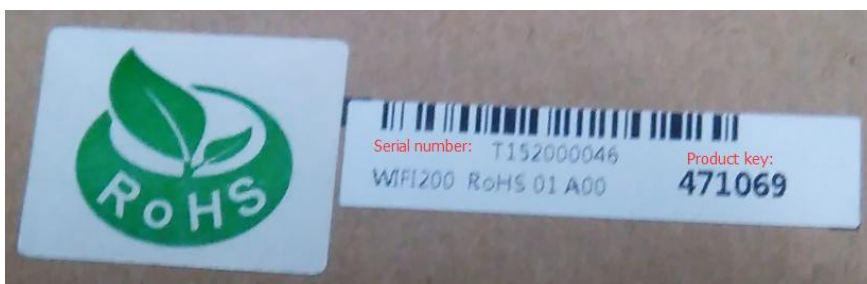Series number and Secret Key can be found on the box of WIFI200 as below picture.


Then click Confim button.

Then wait a moment around 5 minutes, the data from inverter will be transferred to my server in China through WIFI200, then all the information will be showed in your created account.

Congratulations, the whole setting for remote monitoring is completed; you can check your PV system by using by laptop and APP on Smartphone both.

Below pictures show that how to check your solar system remotely by APP.
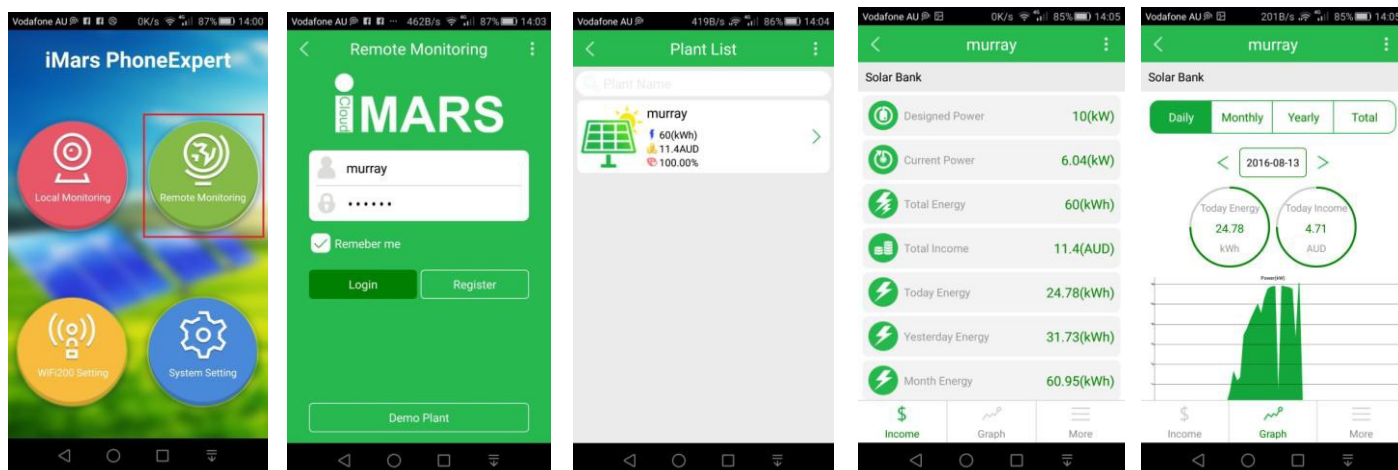
Reset the WIFI200

There is a reset button on the top of WIFI200, you can reset it by pressing it more than 15 seconds (under the situation that it is connected to the Inverter and DC on), then the light of it will flash very fast, it means that reset is successful. If not successful, please try again until done.