

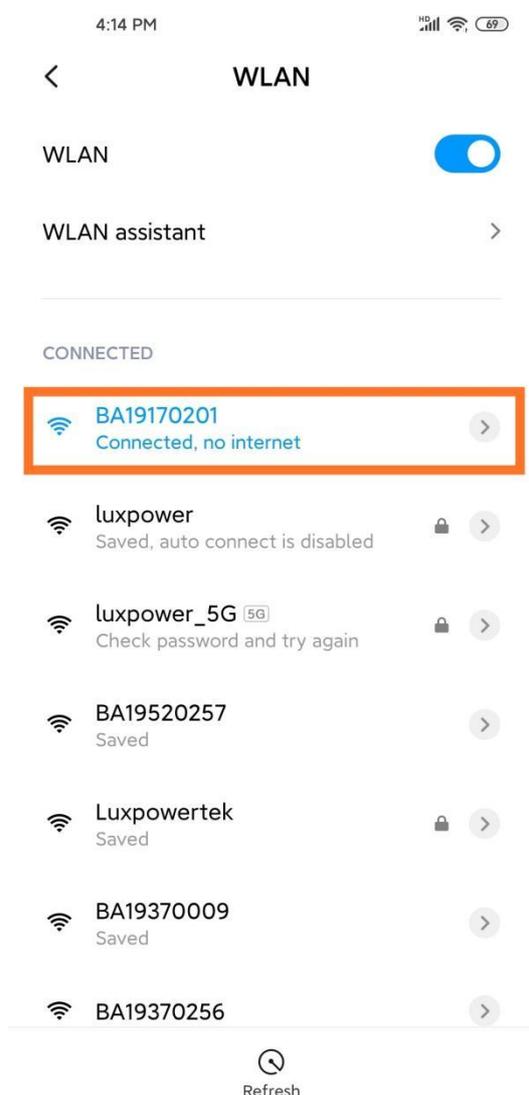
## Part1. WiFi Password Setting via Web

There are 2 solutions to set password for the WiFi module

Solution 1: Set WiFi password via “Luxpowerview” APP ,please refer to the file “Smart EMS Guidance”.

Solution 2: Set password by visiting web” 10.10.10.1”

**Step1** Please connect your mobile phone or computer to local hot spot sent by the wifi module first when wifi LED on wifi module is solid on (The name of the hot spot is the same as the serial number on the wifi module shell).



**Step2** Open browser and visit web <http://10.10.10.1>, and input username: **admin**, password:**admin**

**Step3** Click ‘English’ to change language to English, and then click “**Station Mode Setting**” (**Do not change “AP mode setting” and other unrelated settings** )

setting

MiCO<sup>IoT S</sup>

- Run State
- Wifi Mode Select
- AP Mode Setting
- Station Mode Setting**
- Uart Setting
- Network Setting
- Moduel Management

• 中文 | English

### AP State

Function	Enable
IP	10.10.10.1
Netmask	255.255.255.0

### STA State

Function	Enable
Channel	6
Signal Strength	-48 %
IP	192.168.0.140
Netmask	255.255.255.0
Gateway	192.168.0.1

### Command Mode State

Function	Disable
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### Network 1 State

Function	Enable
Protocol	TCP client
TCP Client State	Connected

### Network 2 State

Function	Disable
Protocol	无

Run Time 853142 ms

**Step4** Click 'Scan' to find the Router signal which you want to connect, and then choose 'Enable', input the password. After inputting password, please click 'save' to save the information of WiFi.

setting

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• 中文|English

- Run State
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### Station Parameter Setting

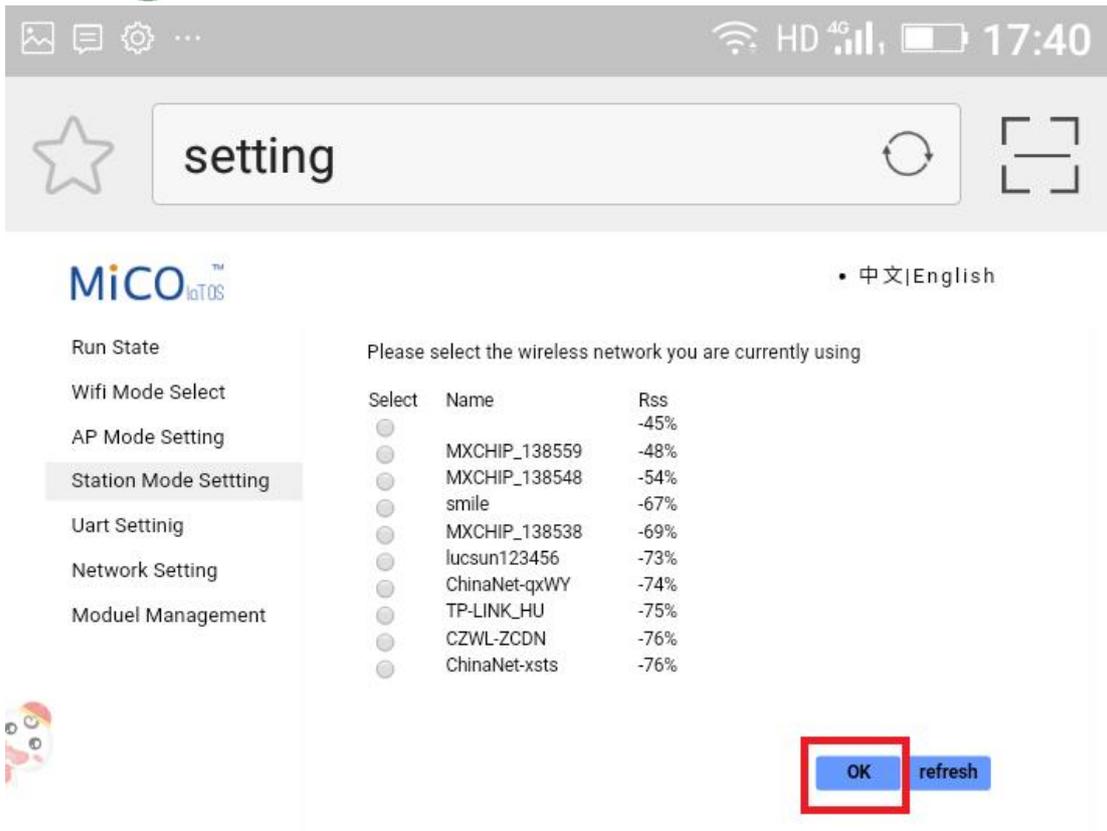
SSID	<input type="text"/>	<input type="button" value="scan"/>
Encryption Mode	<input type="text" value="Enable"/>	
Password	<input type="text"/>	<input type="button" value="save"/>

### IP Setting

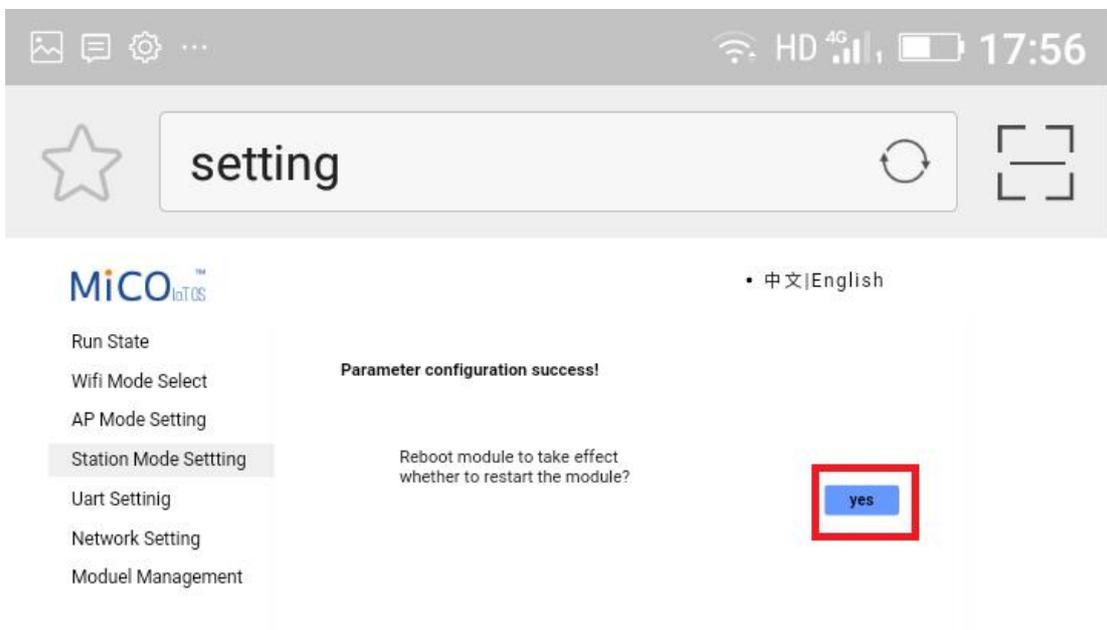
Auto	<input type="text" value="DHCP Client"/>
IP	<input type="text" value="192.168.0.118"/>
Netmask	<input type="text" value="255.255.255.0"/>
Gateway	<input type="text" value="192.168.0.1"/>

### Manage WiFi

Net1 ssid	<input type="text"/>
Net1 key	<input type="text"/>
Net2 ssid	<input type="text"/>
Net2 key	<input type="text"/>
Net3 ssid	<input type="text"/>
Net3 key	<input type="text"/>
Net4 ssid	<input type="text"/>
Net4 key	<input type="text"/>
Net5 ssid	<input type="text"/>
Net5 key	<input type="text"/>



**Step5** Click 'yes' to reboot WiFi module



**Step6** Wait for 10 minutes and the system will connect to internet.

Please note **if INV LED is solid on and Cloud LED is blinking, that means the WiFi module do not connect to wireless network successfully (weak signal or wrong password), please check the SSID and password you filled in , and repeat the work from step (4).**

## Part2. Information of Other Settings (Do not change these settings)

### 1. Run state

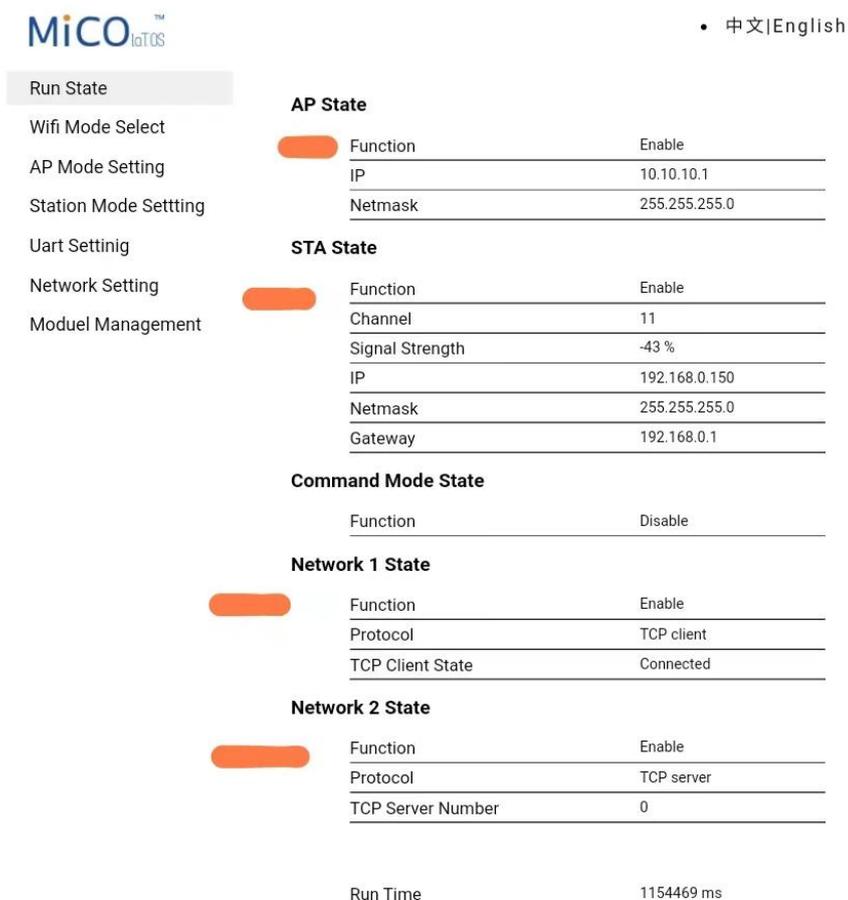
Make sure the function of AP State, STA State ,Network 1 State and Network 2 State are "Enable".

**AP State:** Only when it is Enable state , the dongle hot-spot will be available, and this is the primary condition to configure the network for the WiFi dongle.

**STA State (Station mode):** Only when it is Enable state , the Cloud LED of dongle is able to be solid on , and this is the primary condition to connect to LUX server. If there is no info under this IP and gateway option ,which means the homewifi configuration still has problem.

**Network1 State:** Connect to LUX server , do not change anything under Network setting page. TCP Client state will show" Connected" if the network connection works.

**Network2 State:** Connect to "Local connect " page ,If it is Disable ,or configure is not correct ,you will be unable to open" Local connect " page on the APP . Do not change anything under Network setting page.



MiCO IoTOS • 中文|English

Run State

- Wifi Mode Select
- AP Mode Setting
- Station Mode Settting
- Uart Setting
- Network Setting
- Moduel Management

**AP State**

Function	Enable
IP	10.10.10.1
Netmask	255.255.255.0

**STA State**

Function	Enable
Channel	11
Signal Strength	-43 %
IP	192.168.0.150
Netmask	255.255.255.0
Gateway	192.168.0.1

**Command Mode State**

Function	Disable
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**Network 1 State**

Function	Enable
Protocol	TCP client
TCP Client State	Connected

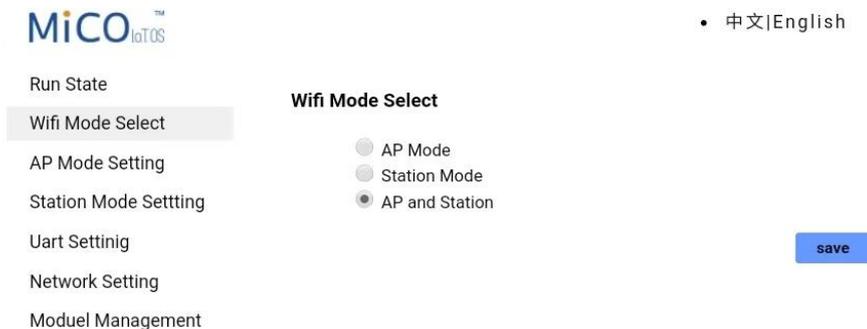
**Network 2 State**

Function	Enable
Protocol	TCP server
TCP Server Number	0

Run Time 1154469 ms

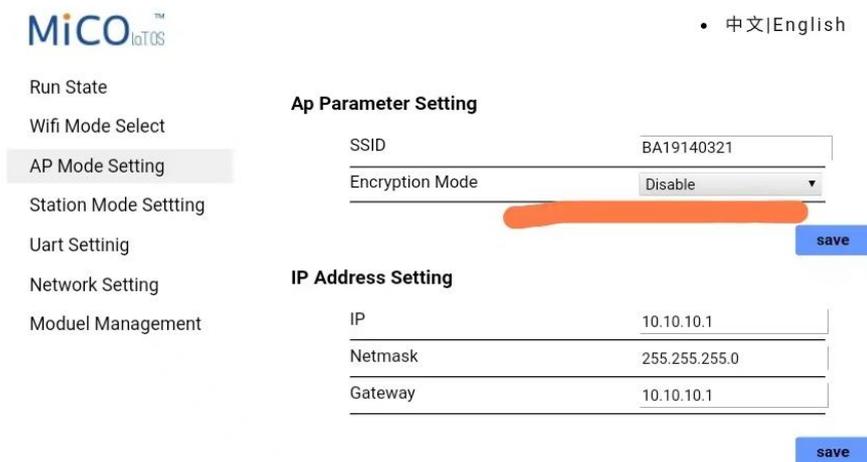
## 2. WiFi Mode Select

**Must be “ AP and Station “ Mode , this is the primary condition work with dongle with LUX server and Local connection.**



## 3. AP Mode Setting

**Normally Encryption Mode is Disable and you don’t need to input password when connecting to the dongle hot-spot. If you set Encryption mode to Enable state , then you must remember the password you set , or you will fail to connect to dongle hot-spot again. Do not change IP address Setting.**



## 4. Station Mode Setting

**The only page you need to change while configuring the network for the dongle ,just select the homewifi under SSID option, and input password ,then click “Save” . IP setting should be “DHCP client” and do not change other settings in this page.**

- Run State
- Wifi Mode Select
- AP Mode Setting
- Station Mode Settting
- Uart Setting
- Network Setting
- Moduel Management

### Station Parameter Setting

SSID	luxpower	<input type="button" value="scan"/>
Encryption Mode	Enable	
Password	test1234	

### IP Setting

Auto	DHCP Client	
IP	192.168.0.150	
Netmask	255.255.255.0	
Gateway	192.168.0.1	

### Manage WiFi

Net1 ssid	
Net1 key	
Net2 ssid	
Net2 key	
Net3 ssid	
Net3 key	
Net4 ssid	
Net4 key	
Net5 ssid	
Net5 key	

## 5. Uart Setting (Do not change anything)

These are the basic parameters for the dongle to communicate with LUX server and get access to Local connect , do not change anything in this page.

- Run State
- Wifi Mode Select
- AP Mode Setting
- Station Mode Settting
- Uart Setting**
- Network Setting
- Moduel Management

### Uart Parameter Setting

Baud Rate	115200
Data bits	8
Parity	None
Stop bits	1
RTS/CTS	Disable

save

### Auto Framing Setting

Auto Framing Mode	Disable
Auto Framing Time	500
Auto Framing Length	1024

save

## 6. Network Setting (Do not change anything)

Network connection1 setting is related with getting access to LUX server.

Network connection2 setting is related with getting access to “Local Connect “ page on the APP.

- Run State
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### Network Connection 1 Setting

Protocol	TCP Client
Remote Port	4346
Server Address(ip or domain)	120.79.53.27

save

### Network Connection 2 Setting

Protocol	TCP Server
Local Port	8000

save

## 7. Module Management (Do not change anything)

All parameters in this page are the default settings from bottom layer design of chip manufacturer, and out of control of Luxpower , do not change anything especially the option “Restore factory setting “

- Run State
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### Manager Setting

Name	<input type="text" value="admin"/>
Password	<input type="text" value="admin"/>

save

### Version Information

Module Name	EMW1290
MAC	B0:F8:93:31:19:E8
SDK Version	MX1290002.031
Software Version	ATV1.20@MX1290
Web Version	web_V1.0.0

### Time Reboot

Time Reboot Mode	<input type="text" value="Disable"/>
Time reboot time (s)	<input type="text" value="60"/>

保存

### Module Reboot

Module Reboot	<input type="button" value="OK"/>
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### Restore Factory Setting

Restore Factory Setting	<input type="button" value="OK"/>
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### Module Firmware Upgrade

<input type="button" value="Choose File"/> No file chosen	<input type="button" value="OK"/>
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**Done**

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