

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).

	4:14 PM	Hall 🔶 69
<	WLAN	
WL	AN	
WL	AN assistant	>
CON	NECTED	
((1-	BA19170201 Connected, no internet	\rightarrow
((•	luxpower Saved, auto connect is disabled	
(îr	luxpower_5G © Check password and try again	
((1:	BA19520257 Saved	>
([1:	Luxpowertek Saved	
(lı-	BA19370009 Saved	>
(î:	BA19370256	>
	Refresh	

Step2 Open browser and visit web <u>http://10.10.10.1</u>, 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)

ふ 白 ゆ …		🙃 HD 🖏 🖬 💶 17:39
settin	g	• 5
Run State		• 中文 English
Wifi Mode Select AP Mode Setting	AP State Function IP Notmark	Enable 10.10.10.1
Uart Setting	STA State	Enable
Moduel Management	Function Channel Signal Strength	-48 %
000	IP Netmask Gateway	192.168.0.140 255.255.255.0 192.168.0.1
0	Command Mode State Function	Disable
	Network 1 State Function	Enable
	Protocol TCP Client State	TCP client Connected
	Network 2 State	Disable
	Run Time	元 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.

		🙃 HD 🖏 I, I	🖵 17:55
settin	g	C	
Run State		• 中文 Englis	۶h
Wifi Mode Select AP Mode Setting	Station Parameter Setting	s	can
Station Mode Settting Uart Settinig	Encryption Mode Password	Enable	
Network Setting Moduel Management	IP Setting	St	ive
	Auto	DHCP Client 🔹	
0	IP	192.168.0.118	
50	Gateway	192.168.0.1	
		s	ive

Manage WiFi

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

save



🤶 HD 🖏 💷 17:40

setting

MiCO₁₀₁₀₅

•中文|English

OK

refresh

Run State	Please	select the wireless ne	etwork you are currently using
Wifi Mode Select	Select	Name	Rss
AP Mode Setting	0	MXCHIP 138559	-45% -48%
Station Mode Settting	ő	MXCHIP_138548	-54%
U.S.	Ö	smile	-67%
Uart Settinig	0	MXCHIP_138538	-69%
Notwork Sotting	0	lucsun123456	-73%
vetwork Setting	0	ChinaNet-qxWY	-74%
Moduel Management	0	TP-LINK_HU	-75%
3	0	CZWL-ZCDN	-76%
	õ	ChinaNet-xsts	-76%



Step5 Clink 'yes' to reboot WiFi module

			🙃 HD 🔐 🗖	17:56
\$	setti	ng	\odot	
Run State Wifi Mode S AP Mode S Station Mod	Select etting de Settting g	Parameter configuration success! Reboot module to take effect whether to restart the module?	• 中文 English	
Network Se Moduel Ma	etting inagement			

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		• 中文 English
Run State	AD State	
Wifi Mode Select	AP State	
AP Mode Setting	Function	Enable
	IP	10.10.10.1
Station Mode Settling	Netmask	255.255.255.0
Uart Settinig	STA State	
Network Setting	Function	Enable
Moduel Management	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
	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.

		• 中文 English
Run State	Wifi Mode Select	
Wifi Mode Select		
AP Mode Setting	AP Mode Station Mode	
Station Mode Settting	AP and Station	
Uart Settinig		save
Network Setting		
Moduel Management		

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.

MiCOLOTOS		• 中文 E	nglish
Run State	An Parameter Setting		
Wifi Mode Select		2110110001	
AP Mode Setting	SSID	BA19140321	
Station Mode Settting	Encryption Mode	Disable	-
Uart Settinig			save
Network Setting	IP Address Setting		
Moduel Management	IP	10.10.10.1	
	Netmask	255.255.255.0	
	Gateway	10.10.10.1	

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.



MiCO

Wifi Mode Select AP Mode Setting Station Mode Settting

Uart Settinig Network Setting Moduel Management

Run State

• 中文|English

save

Station Parameter Settin

Net5 ssid Net5 key

SSID	luxpower	
Eponymtion Mode	Frankla	S
	Enable	
Password	test1234	
		S
IP Setting		
Auto	DHCP Client	•
IP	192.168.0.150	
Netmask	255.255.255.0	
Gateway	192.168.0.1	
		s
Manage WiFi		
Net1 ssid		
Net1 key		
Net2 ssid	2	
Net2 key		
Net3 ssid		
Net3 key		
Net4 ssid	2	
Net4 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.



MiCOlaTOS		• 中江	文∣English
Run State	Uart Parameter Setting		
WIII Mode Select	Baud Rate	115200	¥
AP Mode Setting	Data bits	8	Ŧ
Station Mode Settting	Parity	None	٠
Uart Settinig	Stop bits	1	•
Network Setting	RTS/CTS	Disable	Ŧ
Moduel Management			save
	Auto Framing Setting		
	Auto Framing Mode	Disable	•
	Auto Framing Time	500	
	Auto Especial an other	1001	

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.

		• 中文	Engli
Run State	Network Connection 1 Setting		
Wifi Mode Select	Protocol	TCP Client	v
AP Mode Setting	Remote Port	4346	
Station Mode Settting	Server Address(ip or domain)	120.79.53.27	
Uart Settinig			
Network Setting			S
Moduel Management	Network Connection 2 Setting		
	Protocol	TCP Server	•

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 "



		• 中文 Englis
Run State	Manager Setting	
Wifi Mode Select	Name	admin
AP Mode Setting	Password	admin
Station Mode Settting		
Uart Settinig		sa
Network Setting	Version Information	
Moduel Management	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	Disable •
	Time reboot time (s)	60
	<u>12</u>	10
	Module Reboot	1 4
	Module Reboot	ок
	Restore Factory Setting	
	Restore Factory Setting	ок
	Restore Factory Setting Module Firmware Upgrade	ок

Done