PRODUCT MANUAL ≫
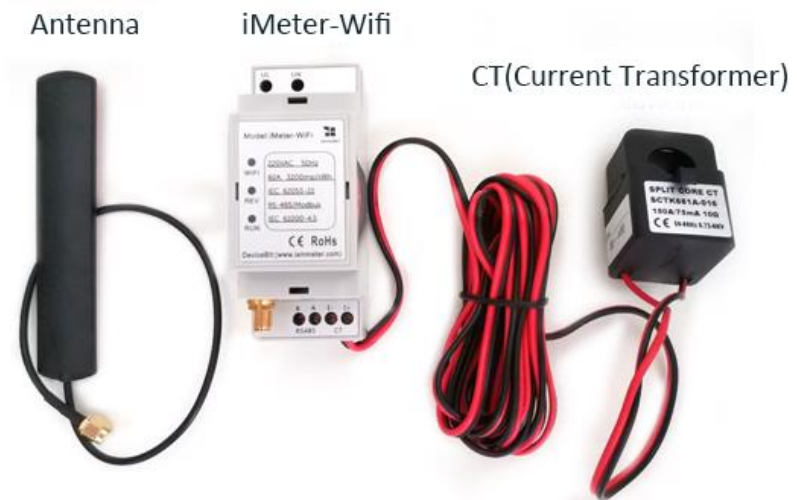
iMETER-WIFI QUICK INSTALLATION AND WIFI SETUP

1. Hardware Installation

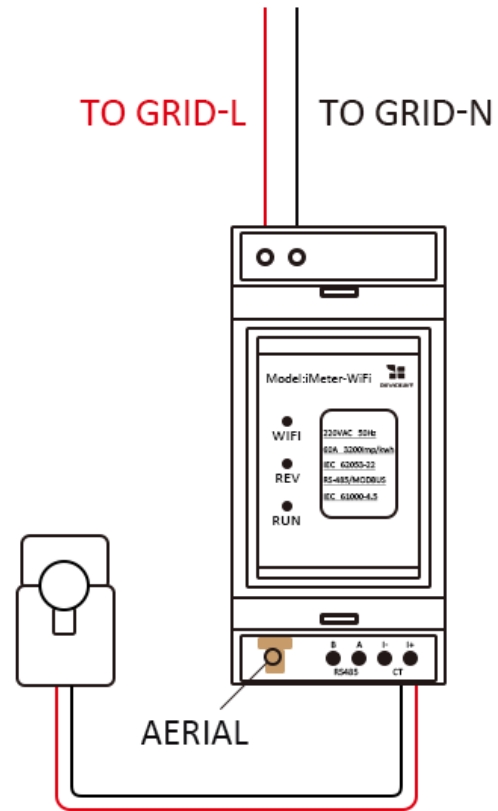## 1.1 Packing List

No.	Item	Qty	Note
1	iMeter-Wifi	1	Wifi module embedded
2	Current Transformer	1	CT already connectd to Meter
3	2.4G Antenna	1	

1.2 Hardware Appearance

Antenna   iMeter-Wifi

CT(Current Transformer)

1.3 Hardware Installation

Step1:L/N WIRE and aerial connection.

TO GRID-L   TO GRID-N

Model:iMeter-WiFi

WIFI
REV
RUN

220VAC 50Hz
60A 3200imp/kwh
IEC 62053-22
RS-485/MODBUS
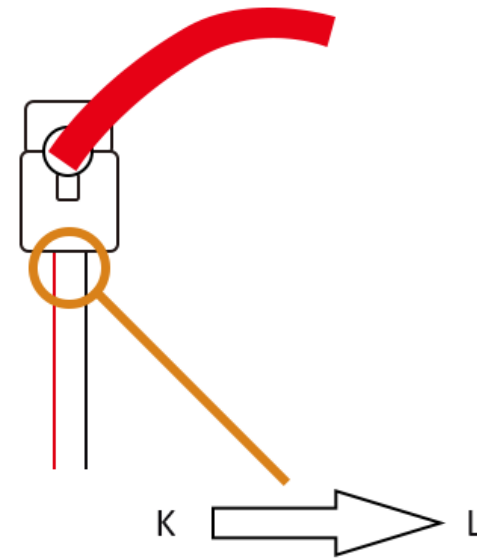IEC 61000-4.5

B A I- I+
RS485   CT

AERIAL

Step2:C/T connection.
First,open the C/T;
Then,View the bottom-marked
current flow of C/T,grid-L wire
across C/T from bottom-marked L to N;
Last,close the C/T.

K ⟹ L

grid-L wire across C/T from

bottom-marked L toN

⚠ Note: Electrician license maybe required for installer according to your local law.
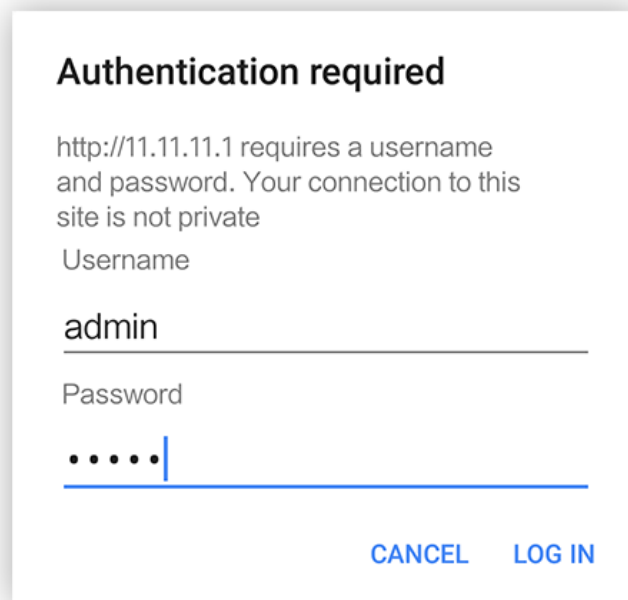
2. WiFi Setup

2.1 Enter to setting page

• Use your smart device's WiFi connection setup, connect to the iMeter's network, which will show up as iMeter_xxxxxxxx (xxxxxxxx is a unique SN of iMeter).

• No password to connect to the iMeter's WiFi network

WLAN ⬤

CONNECTED

iMeter_139D96C4
Connected, no internet
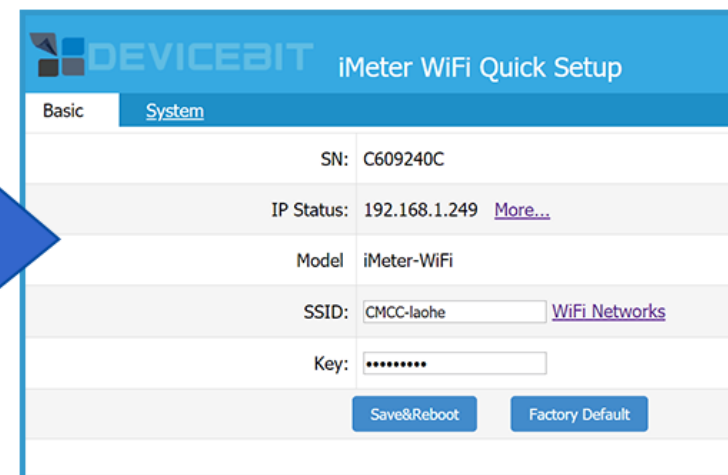
1003
Saved

1003-plus
Saved

1003_5G 5G
Saved

Tips: Any smartphone, tablet or computer can be used for this process

• Whilst connected to the iMeter's network, open a web browser and navigate to http://11.11.11.1/

• Enter the username "admin" and password "admin" (no upper-case characters) and log into the webpage.

Authentication required

http://11.11.11.1 requires a username and password. Your connection to this site is not private

Username

admin

Password

•••••

CANCEL   LOG IN

Tips: Any smartphone, tablet or computer can be used for this process

• The "iMeter WiFi Guick Setup" webpage is displayed.

• You need to make a copy of SN number for the future use in log in the Iammeter system (step 3.1)

DEVICEBIT iMeter WiFi Quick Setup

Basic   System

SN: C609240C

IP Status: 192.168.1.249 More...

Model: iMeter-WiFi

SSID: CMCC-laohe   WiFi Networks

Key: •••••••••

Save&Reboot   Factory Default

Tips: Any smartphone, tablet or computer can be used for this process

2.2 Connect to your home WiFi network

- WiFi settings configuration
① Click "WiFi Networks" or or manually input your home WiFi network's SSID
② Input your home WiFi netwrok's password as Key
③ Click "Save&Reboot"

- Check if the iMeter gain the IP address after rebooted. Click "More" for details.

DEVICEBIT	iMeter WiFi Quick Setup
Return **IP Address Setting**	
Current Local IP:	192.168.10.168
Current Netmask:	255.255.255.0
Current Gateway IP:	192.168.10.1
Current DNS Server:	192.168.10.1
DHCP Select:	Enable ▾
Set Local IP:	192.168.1.100
Set Netmask:	255.255.255.0
Set Gateway IP:	192.168.1.1
Set DNS Server:	192.168.1.1
	Save

- Click "WiFi Networks" to search your home WiFi network. Ensure the signal strength is stronger than 50%

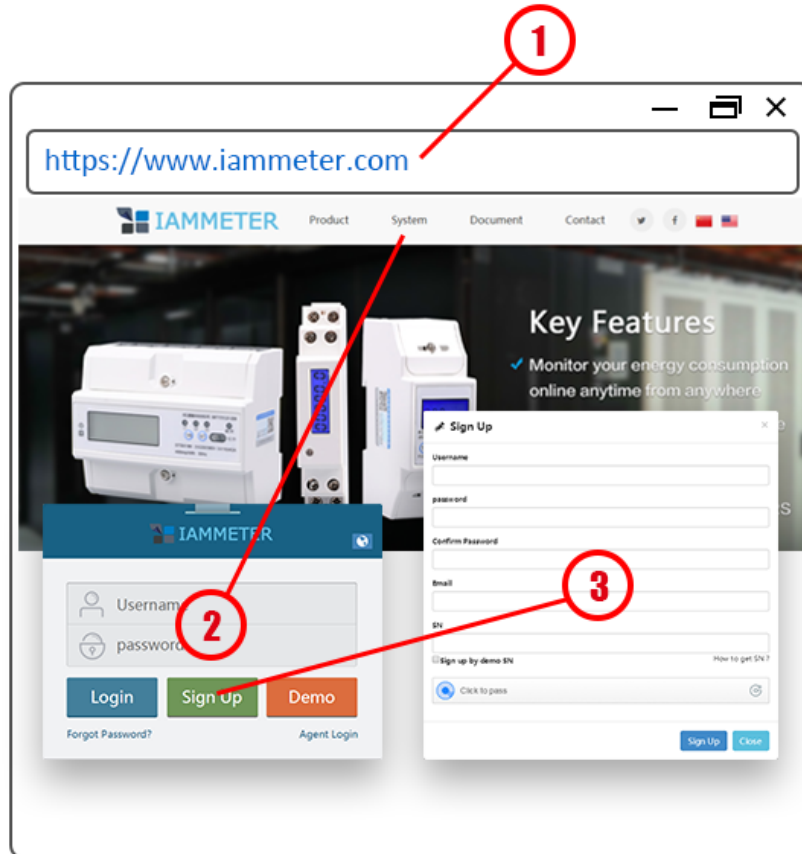|	
DEVICEBIT	iMeter WiFi Quick Setup
Return **Available Wireless Network**	

SSID	Signal
CMCC-laohe	100%
Solax_10288376	72%
lrz	55%
CMCC-2303	50%
CMCC-2415	42%
CMCC-BJSD2213	32%
Refresh	

3. Registration on Iammeter

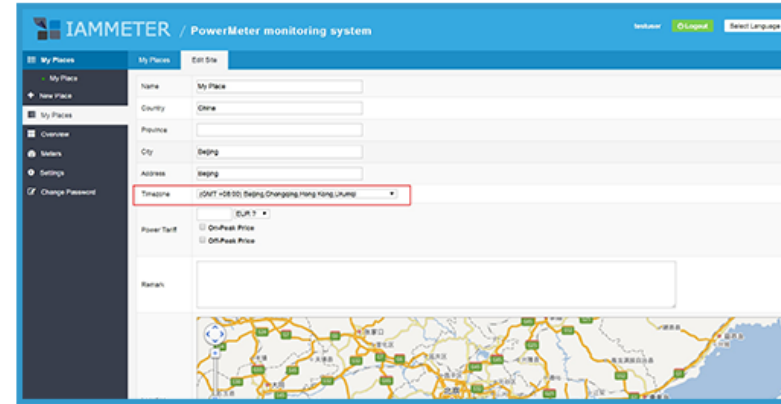- Confirm the WiFi setup has done successfully（WIFI indicator of iMeter is on in Red).

3.1 Sign up on Iammeter

①. Visit website https://www.iammeter.com
②. click "System" on top menu bar
③. Click "Sign up" and fill up all the information on "Sign up" page. Fill in the SN you copied previously in SN column.
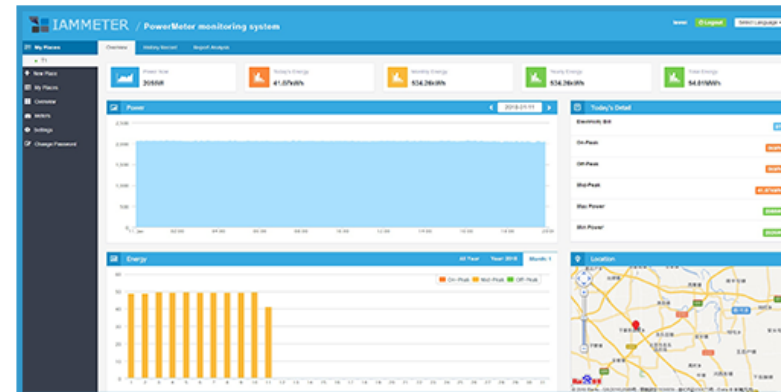

3.2 Set Location and Time Zone

- Log in "Iammeter" with your username and password
- Go to "My palce" and set your location and time zone. Ensure you set the correct time zone.
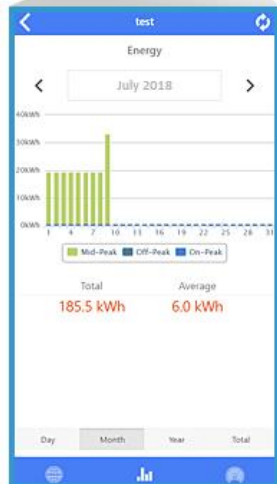

3.3 Check online data

- Check online data, report and more function in Iammeter

Iammeter System

Centralized Power Monitoring
Multi-level Management
Real-time Alarm Notification

- Monitor your energy consumption online anytime from anywhere

- All MODBUS, RTU meters can be connected to the plaform

- Android/IOS App available on Apple Store and Google Play

For details please visit
https://www.iammeter.com

iMeter - WiFi

- Quick installation
- Easy setup
- High Accuracy
- Clouding Service

LED	Status	Description
RUN	Solid Green	iMeter is powering on
	Off	iMeter is powering off
REV	Solid Red	CT's polarity is reversed (refer to bottom mark)
	Off	CT's polarity is correct
WIFI	Solid Red	iMeter is connected to router
	Off	iMeter is not connected to router

IOS APP DOWNLOAD

ANDROID APP DOWNLOAD

DEVICEBIT