H hoymiles This

Quick Installation Guide

DTU Installation

- Only qualified personnel can install or replace the DTU.
- Do not attempt to repair the DTU as it contains the parts that are not serviceable to users. If the DTU breaks down, please contact your distributor for maintenance. Opening the DTU without permission will invalidate the warranty.
- 1) Insert the SIM card into the card slot on the side of DTU.
- Connect the DTU to the adapter and plug it into the wall socket. (Figure 1 & 2).



 If using Power Strip, please make sure it is placed at least 1 meter above the ground and try to install the DTU 90 degrees vertical to the ground as much as possible (figure 3).



Note: Please do not install the DTU direct above the metal or concrete to prevent the signal dilution.

O Start Procedure

Once the DTU powers on, the red, green and blue lights will flash for one second in turns for 30 seconds.

WiFi Configuration

 Use your setting device (e.g. smartphone, laptop or tablet) to search the surrounding WiFi signal, you can find the DTU's WiFi named as "USR-C210" (figure 4) or "DTUW-XXXXXXX" ("XXXXXXX" is the last 8 digits from the DTU serial number as circled in figure 5 below). Connect with DTU's WiFi.

USR-C210 No Internet, Open Property	
	Disconnected
DTUW-45000566 HM-OFFICE-6 HM_NewE HM-OFFICE-5	Connected 🕍 41 41 41
Figure	4

 Install the DTU at least 1.5 meters above the floor and 0.8 meters away from the sidewall over the ground and more than 0.8 meters away from the corner (refer to the picture below).





 Open the Internet browser, enter 10.10.100.254 on the address bar (figure 6), fill in default user name and password both as "admin", and click "Ok" (figure 7)

<u>File</u>	Edit	View	History	<u>B</u> ookmarks	Tools	Help
00	onnecti	ing			+	
+	(] 1	0.10.10	0.254			

Authentication Required	
The server http://10.10.100.254 requires a username and password. The server says:GoAhead	
User Name: admin	
Password: ****	
Ok Cancel	

Figure 7

 Click "WiFi Setting" on the left side manual bar (figure 8).)

System Status	WiFi Mode Select	Help
WiFi Setting	WiFi Work Mode: AP+STA mode *	. Natwork
Trans Setting	AP Mode	Name(SSID):
Extra Function	Network Name(SSID): USR-C210	1-32 characters Case sensitive
System Setting	Password(8-64 bytes): NONE	 Password: The AP password is 8-64 bytes
Firmware Update	IP Address: 10.10.100.254	(STA password without this
About USR	Mask: 255.255.0	restriction), NONE said no encryption; Case
	STA Mode	sensitive DHCP:
	Network Name(SSID): WeiXiuShi Search	Open this feature, will get IP by
	STA Password: 12345678	need to manually enter the IP
	DHCP: Enable	
	Save	
	Figure 8	

5) Click the search button as circled below (figure 9), then select the customer house router's WiFi name (example as figure 10) and click "Ok."



SSID	BSSID	RSSI	Channel
HM-OFFICE-2	0E-9B-4B-94-D2-15	-34	6
HM-OFFICE-1	08:9B:4B:94:D2:15	-34	6
HM Engineering	88:25:93:DA:8A:60	-52	9
HM NewE	0A:25:93:DA:8A:60	-54	9

 Enter the house router's password as "STA Password", and click "Save" (figure 11)

WiFi Mode Select	
WiFi Work Mode: AP+STA mode 🔻	
AP Mode	
Network Name(SSID): USR-C210	
Password(8-64 bytes): NONE	
IP Address: 10.10.100.254	
Mask: 255.255.255.0	
STA Mode	
Network Name(SSID): HM-OFFICE-2	Search
STA Password 1357924680	
DHCP: Enable	¥
Saye	
Figure 11	



7) Click the "Restart" bottom (figure 12)



8) Configuration completed (figure 13)



9) Power off the DTU for 10 seconds, and then power on, wait about 2 minutes, DTU light shows (green and blue) or (blue), it means that DTU is connected to the wireless network (figure 14) the DTU will keep searching for the nearby Microinverters' signals at this stage.



Note:

- (1) Non-professionals do not modify other parameters.
- (2) The "Reset" button on the DTU shell is only for customer who use the enterprise WiFi.

Reset		

B Complete the Installation Map

Peel the serial number label from the DTU and place it on the installation map. Complete system information of the installation map shown as follows.



