

Quick Installation Guideline

Model:CSI-WIFI-2



Warning:

1. Please remove logger after power off.
2. Reset button supports direct press. Do not remove waterproof plug.

Notice:

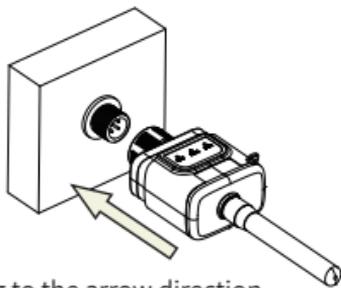
Please read this manual carefully before using products and keep it in the place where O&M providers can easily find.

Due to product upgrade and other factors, the content of this manual might change from time to time. Please take actual product as standard and get latest manual from sales. Unless otherwise agreed herein, this manual will only be used as guidance. Any statement, information or suggestion in this manual will not take any form of responsibility.

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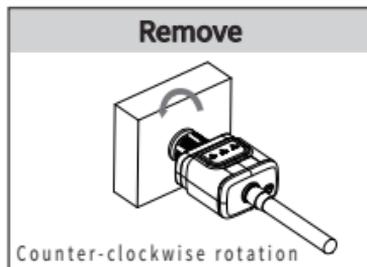
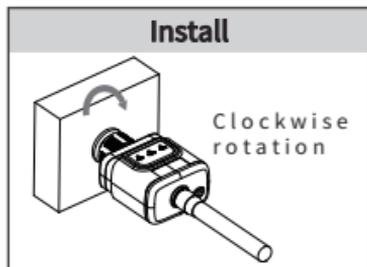
1. Stick Logger Installation

Step1: Assemble logger to the inverter communication interface as shown in the diagram.

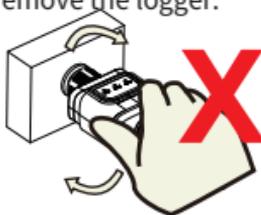


According to the arrow direction.

Step2: Install/Remove



Warning:
Please do not hold the logger body to rotate while install or remove the logger.



2. Logger Status

2.1 Check Indicator light

Lights	Implication	Status Description(All lights are single green lights.)
	Communication with router	1.Light off: Connection to the router failed. 2.On 1s/Off 1s(Slow flash): Connection to the router succeeded. 3.Light keeps on: Connection to the server succeeded. 4.On 100ms/Off 100ms(Fast flash): Distributing network fast.
	Communication with inverter	1.Light keeps on: Logger connected to the inverter. 2.Light off: Connection to the inverter failed. 3.On 1s/Off 1s(Slow flash): Communicating with inverter.
	Logger running status	1.Light off: Running abnormally. 2.On 1s/Off 1s (Slow flash): Running normally. 3.On 100ms/Off 100ms(Fast flash): Restore factory settings.

The normal operation status of the stick logger, when router connected to the network normally:

- 1.Connection to the server succeeded: NET light keeps on after the logger powered on.
- 2.Logger running normally: READY light flashes.
- 3.Connection to the inverter succeeded: COM light keeps on.

3. Abnormal State Processing

If the data on platform is abnormal when the stick logger is running, please check the table below and according to the status of indicator lights to complete a simple troubleshooting. If it still can not be resolved or indicator lights status do not show in the table below, please contact Customer Support.

(Note: Please using the following table query after power-on for 2mins at least.)

NET ● NET	COM ● COM	READY ● READY	Fault Description	Fault Cause	Solution
Any state	OFF	Slow flash	Communication with inverter abnormal	<ol style="list-style-type: none"> 1.Connection between stick logger and inverter loosen. 2.Inverter does not match with stick logger's communication rate. 	<ol style="list-style-type: none"> 1.Check the connection between stick logger and inverter. Remove the stick logger and install again. 2.Check inverter's communication rate to see if it matches with stick logger's. 3.Long press Reset button for 5s, reboot stick logger.
OFF	ON	Slow flash	Connection between logger and router abnormal	<ol style="list-style-type: none"> 1.Stick logger does not have a network. 2.Antenna abnormal 3.Router WiFi signal strength weak. 	<ol style="list-style-type: none"> 1.Check if the wireless network configured. 2.Check the antenna, if there is any damage or loose. 3.Enhance router WiFi signal strength. 4.Long press Reset button for 10s, reboot stick logger and networking again.
Slow flash	ON	Slow flash	Connection between logger and router normal, connection between logger and remote server abnormal.	<ol style="list-style-type: none"> 1.Router networking abnormal. 2.The server point of logger is modified. 3.Network limitation, server cannot be connected. 	<ol style="list-style-type: none"> 1.Check if the router has access to the network. 2.Check the router's setting, if the connection is limited. 3.Contact our customer service.

NET	COM	READY			
● NET	● COM	● READY	Fault Description	Fault Cause	Solution
OFF	OFF	OFF	Power supply abnormal	1.Connection between stick logger and inverter loosen or abnormal. 2.Inverter power insufficient. 3.Stick Logger abnormal.	1.Check the connection, remove the stick logger and install again. 2.Check inverter output power. 3.Contact our customer service.
Fast flash	Any state	Any state	SMARTLINK networking status	Normal	1.Exit automatically after 5mins. 2.Long press Reset button for 5s, reboot stick logger. 3.Long press Reset button for 10s, restore factory settings.
Any state	Any state	Fast flash	Restore factory settings	Normal	1.Exit automatically after 1mins. 2.Long press Reset button for 5s, reboot stick logger. 3.Long press Reset button for 10s, restore factory settings.

4. Usage methods and notices for Reset button

4.1 Usage methods and key-press descriptions for Reset button



Key-press	Status Description	Light Status
Short press 1s	SMARTLINK rapid networking status.	NET light flashes fast for 100ms.
Long press 5s	Rebooting the stick logger.	All lights are extinguished immediately.
Long press 10s	Resetting the stick logger.	1.All lights are extinguished after 4s. 2.READY light flashes fast for 100ms.

4.2 Notices for Reset button



Notice:
Do not remove waterproof plug.





Warning: Please make sure the stick logger is working properly before you leave the site. If there is anything abnormal, please do not leave the site and contact customer service at the first time.

If you have any technical queries about our products, please contact us and provide the following information:

1. Product model and serial number of stick logger.
2. Product model and serial number of connected inverter.

Thank you for your support and cooperation!

APP USER MANUAL

Download APP



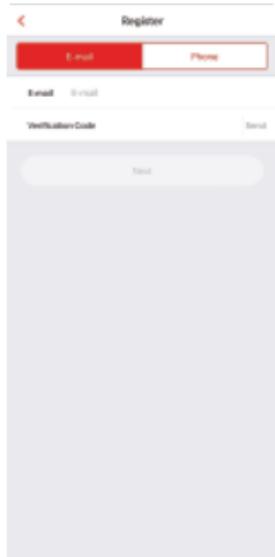
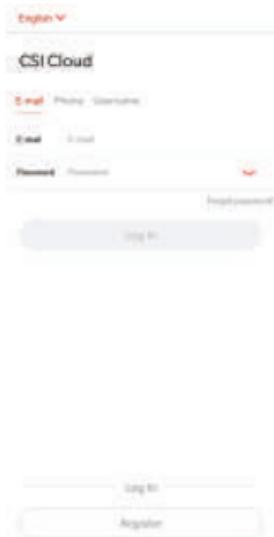
CSI Cloud
for end user



CSI CloudPro
for business

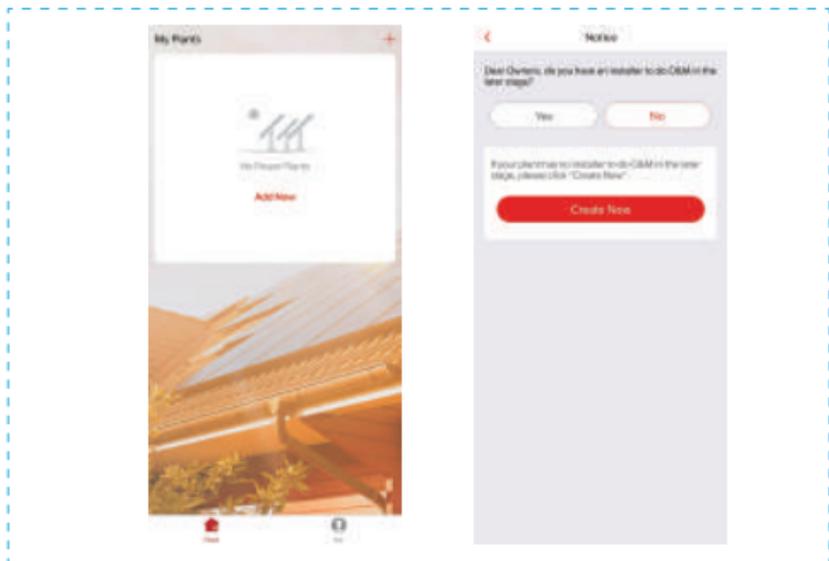
1.Registration

Click [Register] to create new account.You can use email to register.



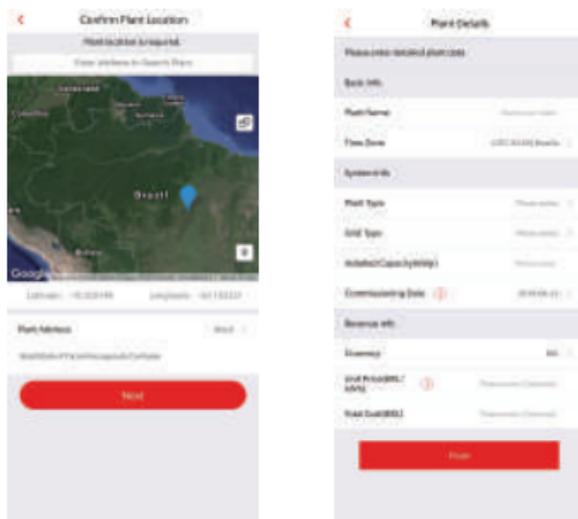
2. Create Plant

2.1 Click [Add Now] to start creating a plant. On the next page, please select the way you create the plant as prompted. If you choose to create your own power station, please proceed as described below.



2.2

Please confirm the location of the plant and related necessary information on the next page, fill in according to your actual situation, and then click the [Finish] button to complete the creation of the plant



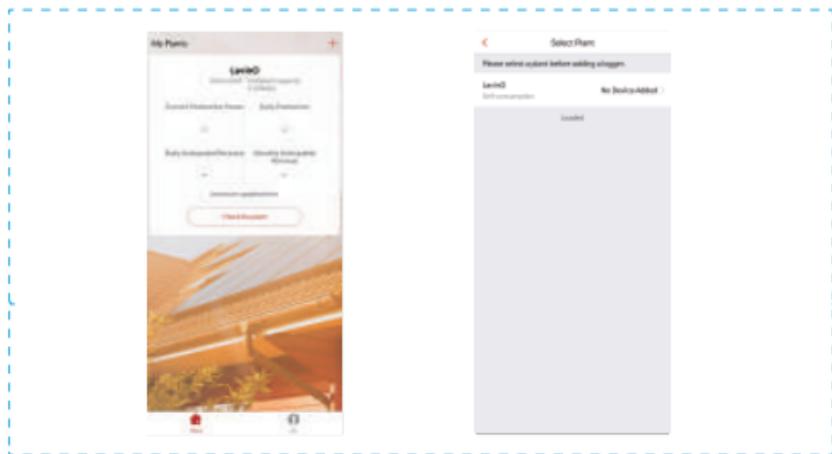
2.3

Now you can see the plant you just created on the home page. Click the [Check the plant] button to view detailed data for the plant.



3.Add a device

3.1 Click the [+] button in the upper right corner of the home page, select Add a Logger, and select the plant where you want to add the device in the next page.



3.2

You can choose to scan the barcode of the collector or directly enter the SN number below the barcode to add it, then click the [Add] button to go to the next page.



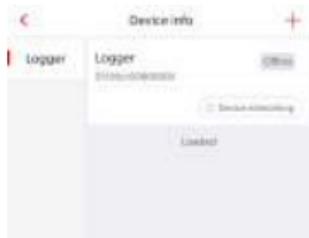
3.3

On this page, you can stipulate how the logger selects the device associated with it. The default mode is “Automatic Selection”. If you do not have special requirements, please click the [Done] button to confirm. After the confirmation is completed, the logger will be added to the plant.



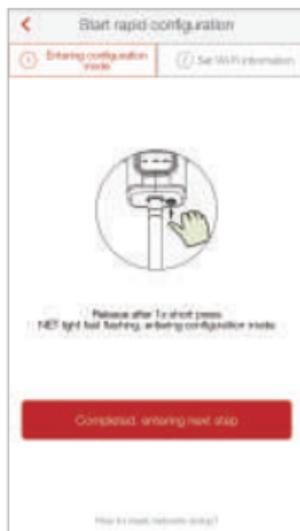
4. Wi-Fi Networking Configuration

If your logger is a Wi-Fi module, it will need to be networked for normal use. In the specific plant page, click the [...] button in the upper right corner, select [Device] to enter the device page, select the logger to be configured, and click the [Device networking] button to configure.

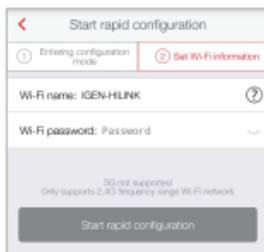


Smart Link configuration

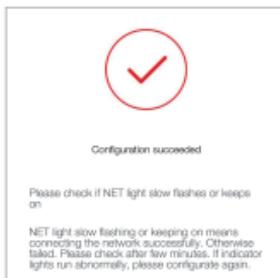
(1) Enter networking page-short press reset button for 1S-NET light flashing-Entering configuration mode.



(2) Make sure the phone connected the WiFi network, entering WiFi password, starting to configure.



(3) The signal lights slowly flash or keep on indicate that the network has been successfully accessed, otherwise it fails. Please check again in a few minutes. If the signal lights are still not normal, please reconfigure it.



Notice:

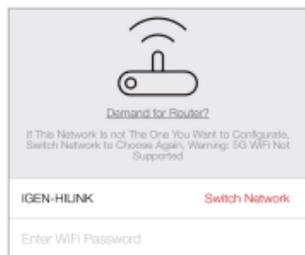
1. During configuration, it will show configuration tips.
2. If the configuration process lasts more than 20s, configuration failed, entering the next step (The picture below will show the next step.)
 - (1) Check the fault reason, click to go back, configure again.
 - (2) If still not succeeded, click to switch configuration mode, entering AP configuration.



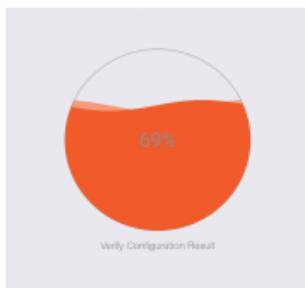
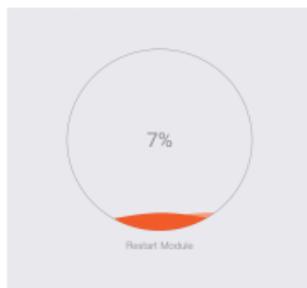
AP configuration

(1) Please make sure that the phone is connected to the WiFi network and enter the WiFi password.

APP will automatically get the current mobile phone WiFi account, type in the WiFi password to enter the configuration process. If the network is not the one logger needs to configure, switch the network. When switching the account, you can manually enter your network account. Note: 5G WiFi is not supported for now.



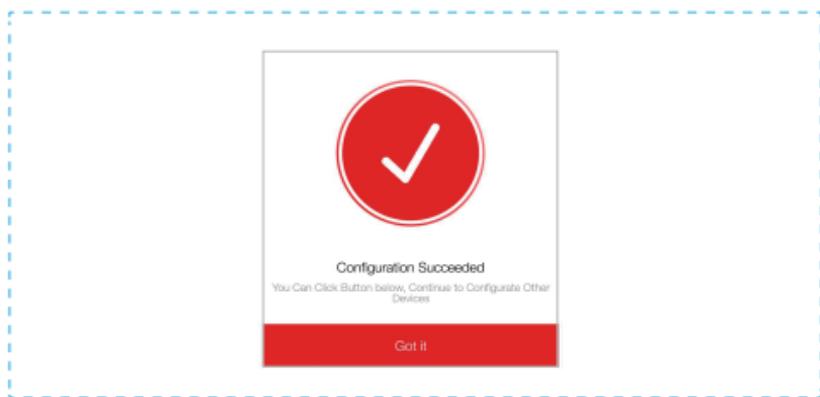
(2) Go to [Network Settings] interface, and select the stick logger's network AP_XXXXXXXX(S/N). Then return to APP, the stick logger will start to configure.



Notice

If it is unable to find an AP_XXXX(S/N) in wireless network list, please make sure the distance between WiFi router and stick logger is less than 10 meters. If there is any problem during the connection or setting process, you can repeat the above steps. If you still cannot find the AP_XXXX, you can check the logger manual for troubleshooting or contact our Customer Service.

(3) Normally, configuration process will take 3-5mins.



If the configuration fails, the reasons may be:

1. Router password is wrong. Please click [Retry] and check the password.
2. The router's network signal is weak and the logger is too far away from the router. Please put the router closer to the logger.
3. Click too fast during the Logger's AP connection. Please wait a few seconds and then jump to the configuration after Logger's AP is connected.

If you encounter following situations, please reconfigure logger network :

1. Change router
2. Change WIFI password
3. Change router's SSID
4. Enterprise routers may restrict WIFI connectivity.



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If you have any technical queries about our products, please contact us and provide the following information:

1. Product model and serial number of stick logger.
 2. Product model and serial number of connected inverter.
- Thank you for your support and cooperation!