

7折页 风琴折
折后110*155mm
展开770*155mm

带logo和产品图片
的第一面为封面

Wi-Fi Logger Quick Installation Guide

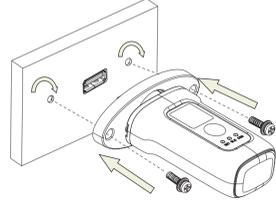



It is essential to thoroughly review this manual prior to using the product and to store the manual in a location that is easily accessible to the operation and maintenance staff. Please be aware that the content of this manual may be updated at any time due to product enhancements. For the most current information, refer to the actual product and obtain the latest manual from www.hinen.com or your local sales office. This manual serves as a guide only, unless otherwise specified in this Agreement, and no liability is assumed for any statements, information, or recommendations contained herein. No entity or individual is permitted to reproduce, or distribute any part of this document without prior written consent.

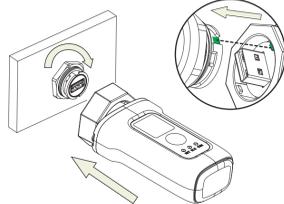
 Warning: Please turn off the power before removing the Wifi logger.

Wifi Logger Installation

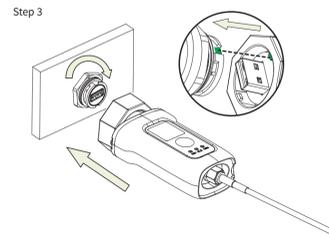
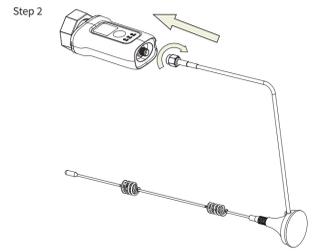
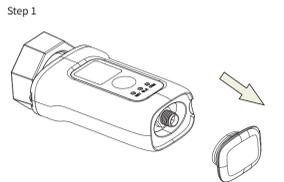
Type 1 Install the wifi logger onto the communication interface of inverter as shown in the figure.



Type 2 Install the wifi logger onto the communication interface of inverter as shown in the figure.



Type 3 Install the wifi logger onto the communication interface of inverter as shown in the figure.



Wifi Logger Status

1 Check the indicator lights

Light	Meaning	Status description (All indicator lights are single green lights.)
	Network Status	1. Light off: Failed to connect to the router. 2. Light flashing (on 1s/off 1s): Successfully connected to the router. 3. Light always on: Successfully connected to the server.
	Bluetooth status	1. Light off: Bluetooth is off. 2. Light flashing (on 1s/off 1s): Bluetooth is connecting. 3. Light always on: Bluetooth connection is successful.
	Communication status with inverter	1. Light off: Communication with the inverter failed. 2. Light always on: Communication with the inverter is successful.

2. When the router is connected to the network normally, the wifi logger operates normally:

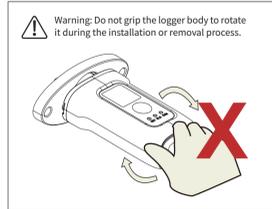
Wifi logger powering on	The NET, BLE, and COM indicators will illuminate simultaneously. Subsequently, the three indicators will light up in sequence and will continue to flash repeatedly.
Waiting for network configuration	The BLE indicator flashes and the COM indicator is always on.
Normal operation	1. Successfully connected to the server: NET light is always on. 2. Successfully connected to the inverter: COM light is always on.
Wifi logger/ Inverter upgrade	The NET, BLE, and COM lights flash at the same time (on for 1s/off for 1s).

3. Abnormal Status Troubleshooting

In the event that the data on the platform appears to be irregular during the operation of the logger, it is advisable to refer to the table provided below and perform basic troubleshooting based on the status of the indicators. Should the issue persist or if the status of the indicators is not listed in the table, please reach out to the aftersales center for further assistance.

			Fault description	Cause	Solution
Any state	Any state	OFF	Communication with the inverter is abnormal.	1. The connection between the logger and the inverter is loose or abnormal. 2. The communication rate between the logger and the inverter is inconsistent.	1. Check whether the connection with the inverter is loose or abnormal. 2. Press the Reset button to restart the logger.
OFF	Any state	ON	The connection with the router is abnormal.	1. The logger has no network. 2. The router WiFi signal is weak.	1. Check if the wireless network is configured. 2. Increase the router WiFi signal strength.
Flash	Any state	ON	The connection with the router is normal, but the connection with the remote server is abnormal.	1. The router is not connected to the Internet. 2. The wifi logger credentials are abnormal. 3. The network is restricted and the server cannot be connected.	1. Check if the router can access the Internet. 2. Check the settings of the router to see if the connection is restricted. 3. Contact our customer service.
OFF	OFF	OFF	The power supply is abnormal.	1. The connection between the logger and the inverter is loose or abnormal. 2. The inverter power is insufficient. 3. The logger is abnormal.	1. Check whether the connection with the inverter is good. Remove the logger and reinstall it. 2. Check the inverter output power. 3. Contact our customer service.

Note: Refer to the table below for troubleshooting, which should be conducted at least 2 minutes after the power-on process.



Download the App

If you are a home user, please scan the QR code below to download the HiNen Solar APP.
If you are an installer or distributor, please scan the QR code below to download the HiNen Install APP.



HiNen Solar APP



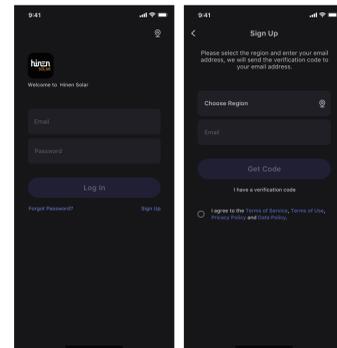
HiNen Install APP

HiNen Solar App User Manual

Make sure Bluetooth and WiFi are turned on and that your router can connect to the network.

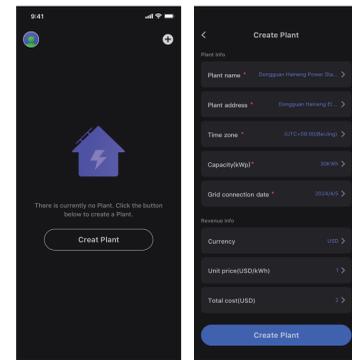
1. Register

Go to HiNen Solar App and register.
Click "Register" and create your account here.



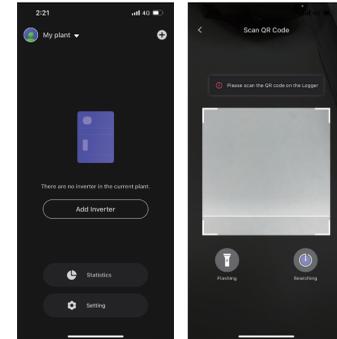
2. Create a Power Plant

Click "Create Plant" to create your power plant.
Please fill in the basic information of the plant and other information.

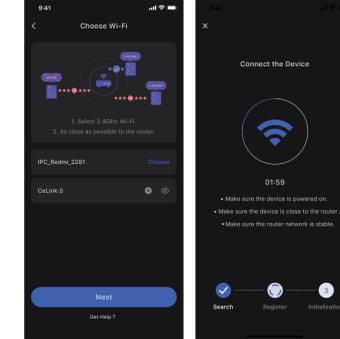


3. Add a Logger

Step 1: Connect to the Logger (Please make sure both Bluetooth and Wi-Fi are turned on.)
Method 1: Directly scan the QR code of the logger to initiate the connection.
Method 2: Click "Searching" to connect to the logger.
You can find the QR code of the logger on the logger body.



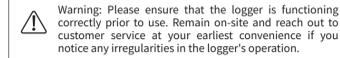
Step 2: Network Configuration
Enter the Wi-Fi name and password, click "Next", and wait for a few minutes.
Then click "Finish" and view the data.



 Note: 5G wifi is not supported.

In the event of a network configuration failure, please review the following potential issues and attempt the process again:

- (1) Ensure that the wireless LAN is enabled.
- (2) Verify that the WiFi is functioning correctly.
- (3) Confirm that the wireless router does not have any enabled white or black lists.
- (4) Remove any special characters from the Wi-Fi network name.
- (5) Minimize the distance between your phone and the device.
- (6) Consider connecting to an alternative WLAN.



For any technical inquiries regarding our products, we kindly ask you to reach out to us with the following details:

1. The model and serial number of the logger.
2. The model and serial number of the associated inverter.

We appreciate your support and collaboration!

Parameters

Remote Communication Port	WiFi
Operating Frequency	2.412 G H z~2.472G H z
Satellite Positioning	-
Antenna Option	Built-in Antenna or External WiFi Extended Magnetic Antenna
Data Interface	R S 4 8 5 / T T L
Operating Voltage	D C 3.3 V ~ D C 6 V
Operating Power	2W
SIM Card	-
Data Storage	4M Flash
Operating Temperature	-25°C~ +60°C
Operating Humidity	<90% (non-condensing)
Number of Inverters that can be connected	1
Serial Communication Rate (485/TTL)	9600bps/115200bps
Data Acquisition Interval	5 min (Optional, 1-15 minutes)
User Configuration	AT + Command Remote Server
Firmware Upgrade	Remote Upgrade
Others	Real-time Control