

How to connect SmartLogger1000&2000 to NetEco Monitoring System

This document describe how to set the Ethernet parameters and Neteco IP server for Smartlogger1000&2000 in order to connect on NetEco monitoring portal.

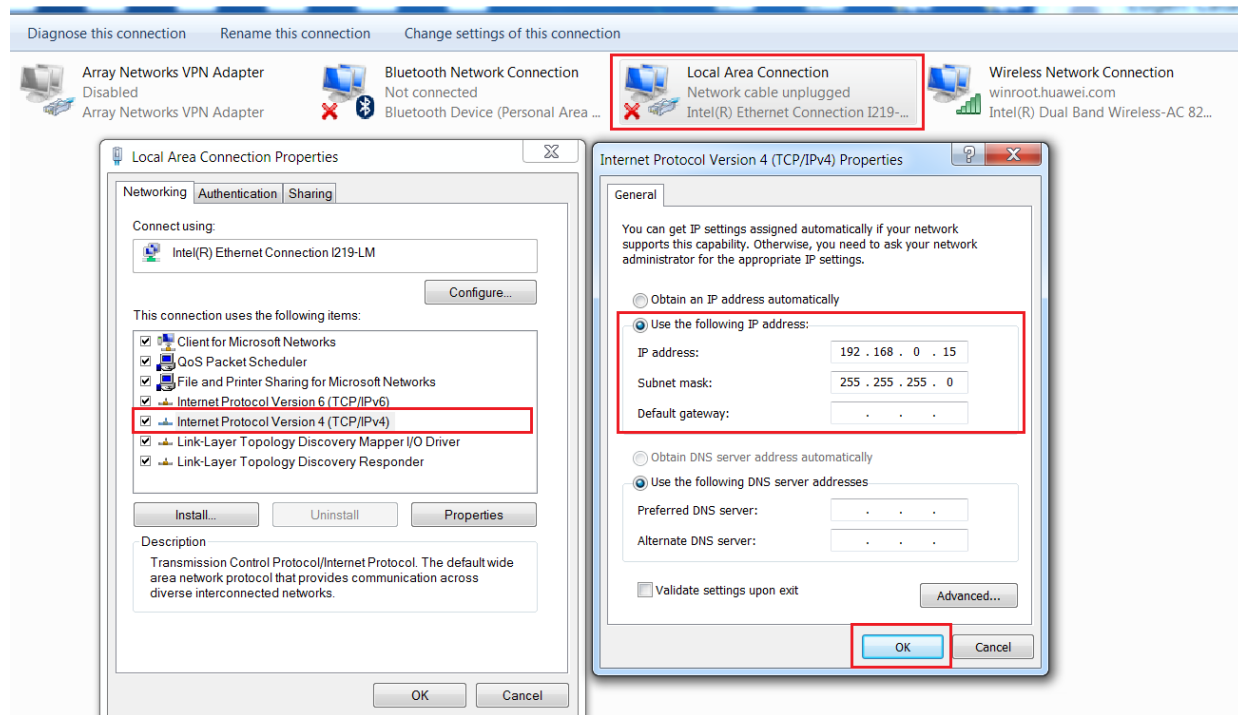
Use the next IP Neteco server depending on where your PV plant is located:

- Germany: 18.194.52.221
- France: 52.58.95.67
- UK: 52.51.75.137
- Rest of Europe: 52.58.159.100
- Turkey: 52.29.145.247

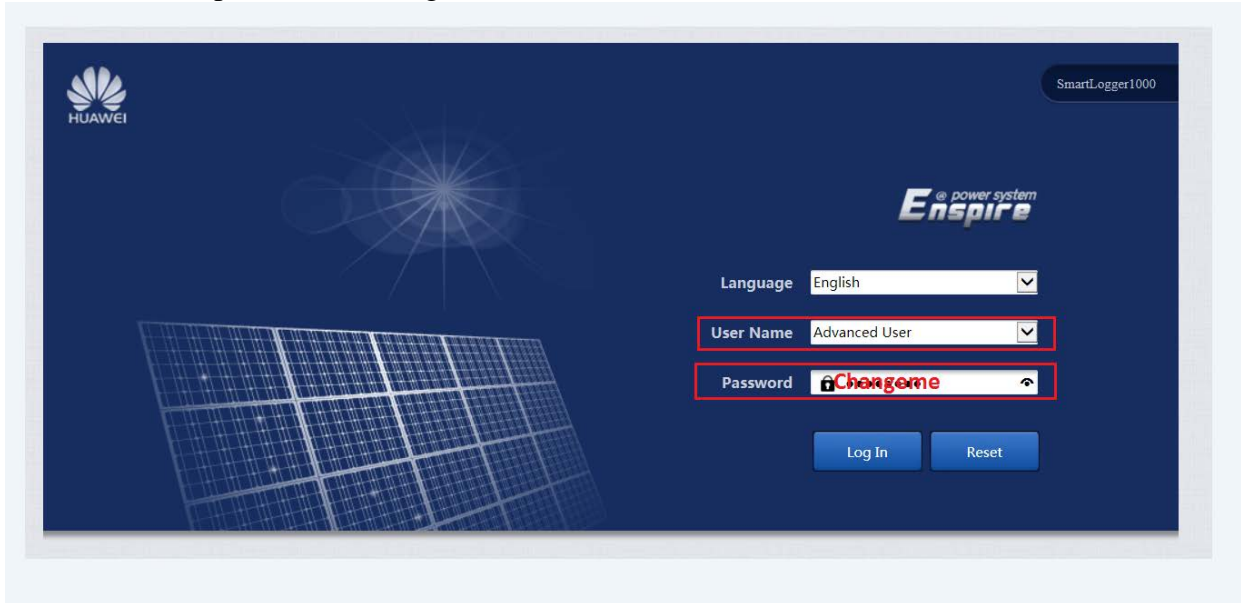
1. NetEco settings through WebUi for Smartlogger1000&2000

Before connect on WebUi of Smartlogger1000&2000 you need to set your local area connection of your computer with an IP in the same range like Smartlogger1000&2000 (default IP 192.168.0.10):

Go to Windows start->Control Panel->Network and Internet->Network and Sharing Center->Change adapter settings->Double click on Local Area Connection->Double click on Internet Protocol Version 4 and set the IP 192.168.0.15 like below:

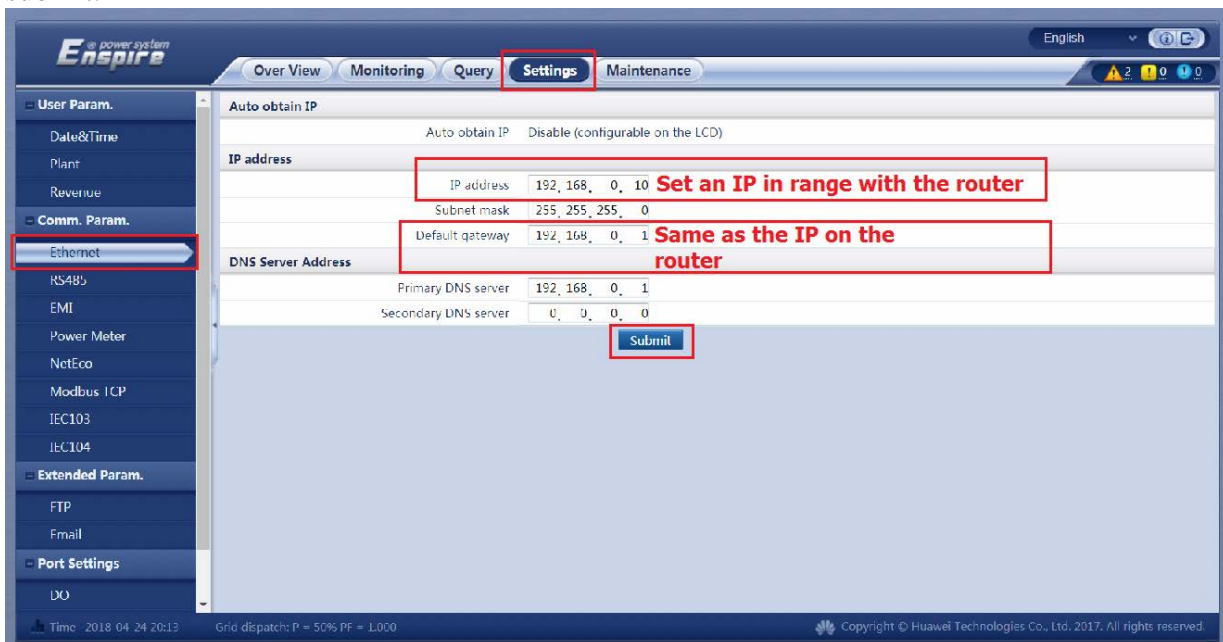


Open the next link in a browser (Chrome or IE) <https://192.168.0.10> and login as advanced user with the default password “Changeme”.



1.1 Set the Ethernet parameters

After you login on Smartlogger1000&2000 select Settings menu->Ethernet-> and set the IP in the same range with your router and the Default gateway need to be the same with the router IP and submit.



The default IP for Smartlogger1000 is 192.168.0.10 and if your local IP of your router is 192.168.0.1 you can leave the default Ethernet parameters like it is and the Smartlogger1000&2000 will be able to connect with the router. You can find the router IP on the label, in general the default IP of the routers is 192.168.0.1 and sometime 192.168.1.1.

If your router IP is different set the Smartlogger1000&2000 like below example:

Router IP: 192.168.1.1

Smartlogger1000 Ethernet settings:

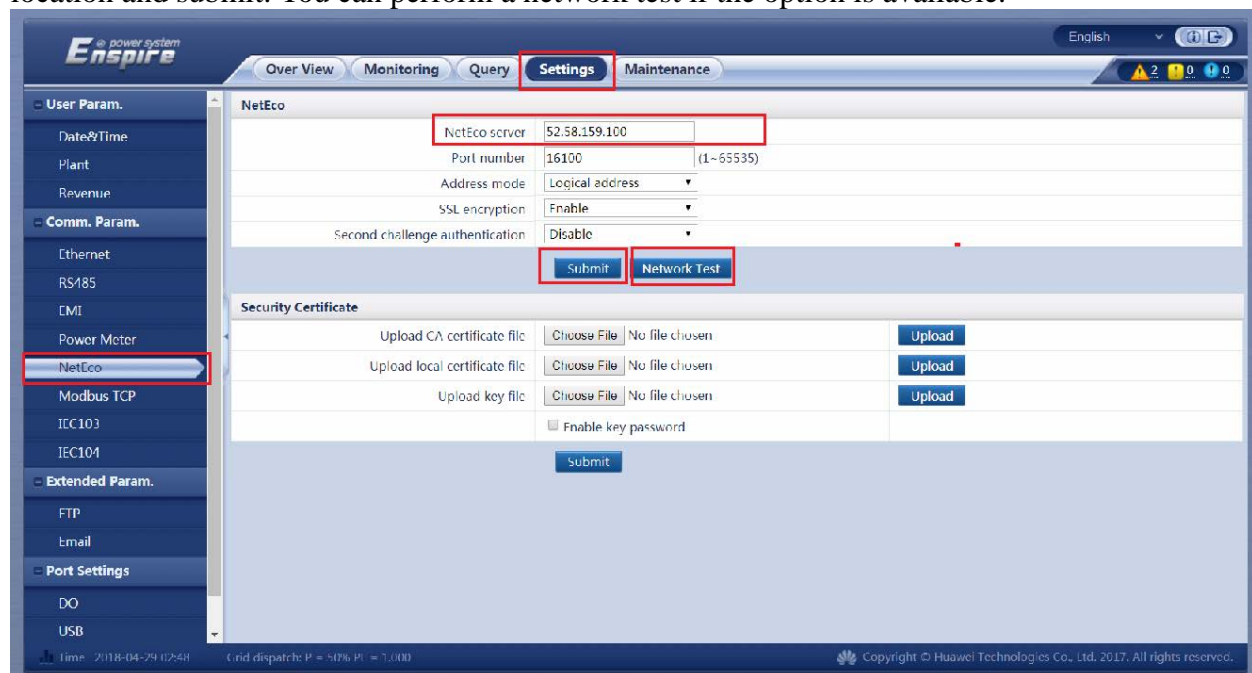
IP address: 192.168.1.10

Subnet mask: 255.255.255.0

Default gateway: 192.168.1.1(it is same with router IP)

1.2 Set the Neteco IP server

From the stings menu select Neteco and set the Neteco server accordingly with your PV plant location and submit. You can perform a network test if the option is available.




After you set the Ethernet parameter and Neteco IP server contact the service team to check if the Smartlogger1000&2000 communicate with Neteco portal and ask them to create the PV plant and account for you.



2. NetEco settings through LCD screen of Smartlogger1000

2.1 Set the Ethernet parameter

Before you set the Neteco IP server on the Smartlogger1000 you need to set the connection with


a router and set the Ethernet parameters in order to connect Smartlogger1000 to internet:



Press enter  and with the arrow choose Settings->Login as Advanced user->Com. Parameters->Ethernet and set the IP for Smartlogger1000 in the same range with your router. The default password is "000001".

 <p>Settings</p>	<p>Settings->Login</p> <p>User Name: Advanced User </p> <p>Password: 000000</p>	<p>Settings</p> <p>User Param.</p> <p>User Password</p> <p>Comm. Param.</p> <p>Restore Defaults</p>
<p>Settings->Comm. Param.</p> <p>RS485-1</p> <p>RS485-2</p> <p>RS485-3</p> <p>Ethernet</p> <p>NetEco</p> <p>Modbus TCP</p> <p>IEC103</p>	<p>Comm. Param. ->Ethernet</p> <p>Auto obtain IP: Disable</p> <p>IP address: 192.168. 0. 10</p> <p>Subnet mask: 255.255.255. 0</p> <p>Gateway: 192.168. 0. 1</p> <p>DNS-1: 192.168. 0. 1</p> <p>DNS-2: 0. 0. 0</p> <p>Submit</p>	

2.2 Set NetEco IP server

After you set the Ethernet parameters set the Neteco IP server like below:

Press enter  and with the arrow choose Settings->Login as Advanced user->Com. Parameters->Neteco and set the Neteco IP server accordingly with the PV plant location.

 <p>Settings</p>	<p>Settings->Login</p> <p>User Name: Advanced User </p> <p>Password: 000000</p>	<p>Settings</p> <p>User Param.</p> <p>User Password</p> <p>Comm. Param.</p> <p>Restore Defaults</p>
<p>Settings->Comm. Param.</p> <p>RS485-1</p> <p>RS485-2</p> <p>RS485-3</p> <p>Ethernet</p> <p>NetEco</p> <p>Modbus TCP</p> <p>IEC103</p>	<p>Comm. Param. ->NetEco</p> <p>NetEco server: 192.168. 8.101</p> <p>Port number: 16100</p> <p>Address mode: Logical address</p> <p>SSL encrypt.: Enable</p> <p>2nd challenge: Enable</p> <p>Network Test</p>	

If you have the option Network test you can made a test to see if your Smartlogger1000 is connected to the server. The default port number is: 16100.

If this option is not available then call the service team to check if your Smartlogger1000 is

connected to the server and ask them to create the PV plant and account for you.

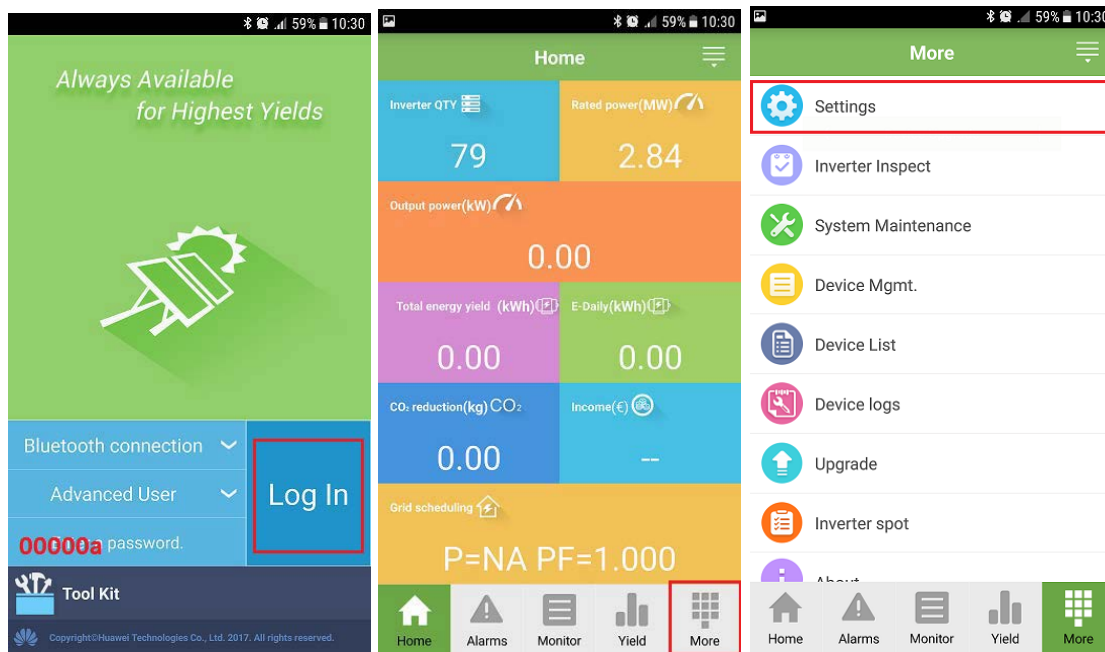
3. NetEco settings through SUN2000APP for Smartlogger2000

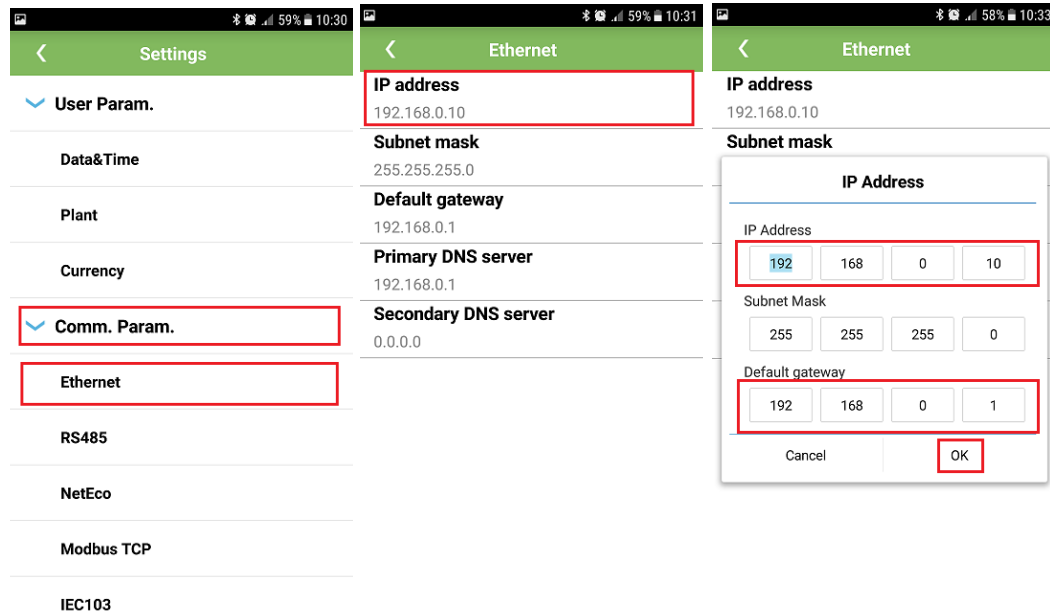
Search for SUN2000APP in one of the following app stores, download the installation package, and install the SUN2000APP by following the instructions.

- Huawei App Store (Android)
- Google Play (Android)
- App Store (iOS)

3.1 Set the Ethernet parameters

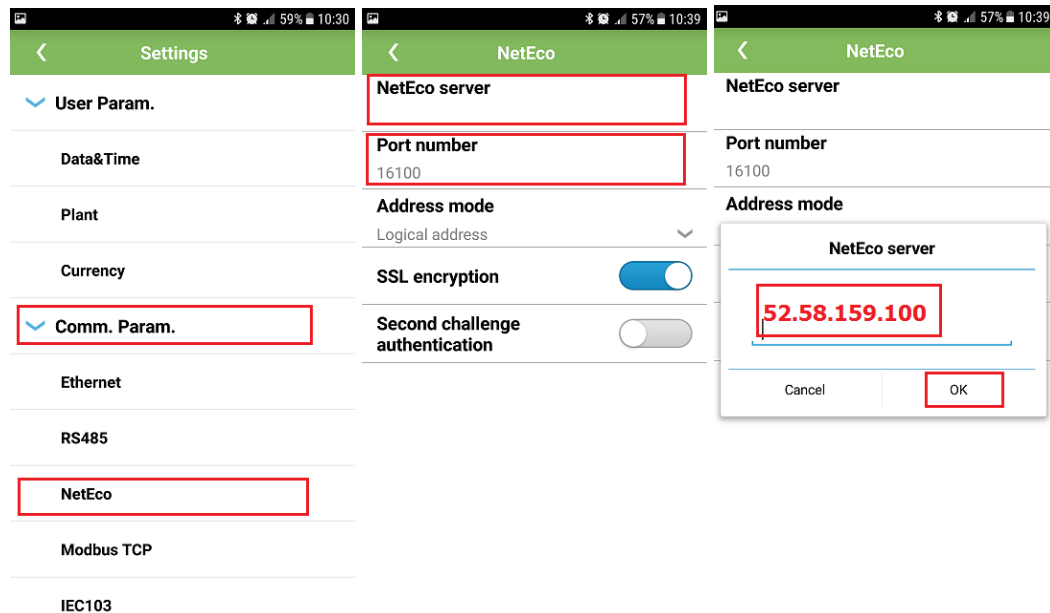
Enable the Bluetooth on your phone and connect on SUN2000APP as Advanced user (default password is “00000a”) -> choose from main menu More-> Settings->Comm. Param.->Ethernet->set the IP and Default gateway like below.





3.2 Set the Neteco IP server

From the “Settings” menu, “Comm.Param” select Neteco. Select Neteco server and set the Neteco IP server accordingly with your PV plant location. The default port number is 16100 and you can leave like it is.



If you have the option Network test you can make a test to see if your Smartlogger2000 is connected to the server. The default port number is: 16100.

If this option is not available then call the service team to check if your Smartlogger2000 is connected to the server and ask them to create the PV plant and account for you.