

# How to connect the Smartlogger1000&2000 at NetEco AU



**Huawei Technologies Co. Ltd.**

| Version | Created by       | Date       | Remarks                 |
|---------|------------------|------------|-------------------------|
| 02      | Huawei e84081311 | 25.10.2018 | Initial version created |


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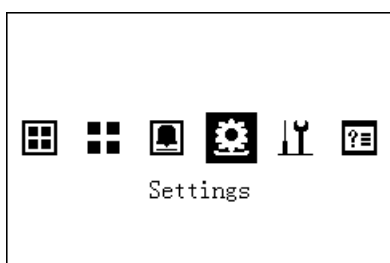
This document describe how to set the Ethernet parameters and Neteco IP server for Smartlogger1000&2000 in order to connect on NetEco monitoring portal.

## 1. NetEco settings through LCD screen of Smartlogger1000

### 1.1 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”.

|  |  |   |
|--|--|---|
|  | Settings->Login<br><br>User Name:Advanced User<br>Password:000000  | Settings<br>User Param.<br>User Password<br><b>Comm. Param.</b><br>Restore Defaults   |
|  | Settings->Comm. Param.<br>RS485-1<br>RS485-2<br>RS485-3<br><b>Ethernet</b><br>NetEco<br>Modbus TCP<br>IEC103 | Comm. Param. ->Ethernet<br>Auto obtain IP:Disable<br>IP address:192.168. 0. 10<br>Subnet mask:255.255.255. 0<br>Gateway:192.168. 0. 1<br>DNS-1:192.168. 0. 1<br>DNS-2: 0. 0. 0. 0<br>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 will be able to connect with the router.

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

Router IP: 192.168.10.1

Smartlogger1000 Ethernet settings:

IP address: 192.168.10.10


Subnet mask: 255.255.255.0







Default gateway: 192.168.10.1(it is same with router IP)

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.

## 1.2 Set NetEco IP server to Smartlogger1000

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 next IP: 52.65.198.34

|   |  |   |
|---|--|---|
|       <p>Settings</p> | <p>Settings-&gt;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-&gt;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.-&gt;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.

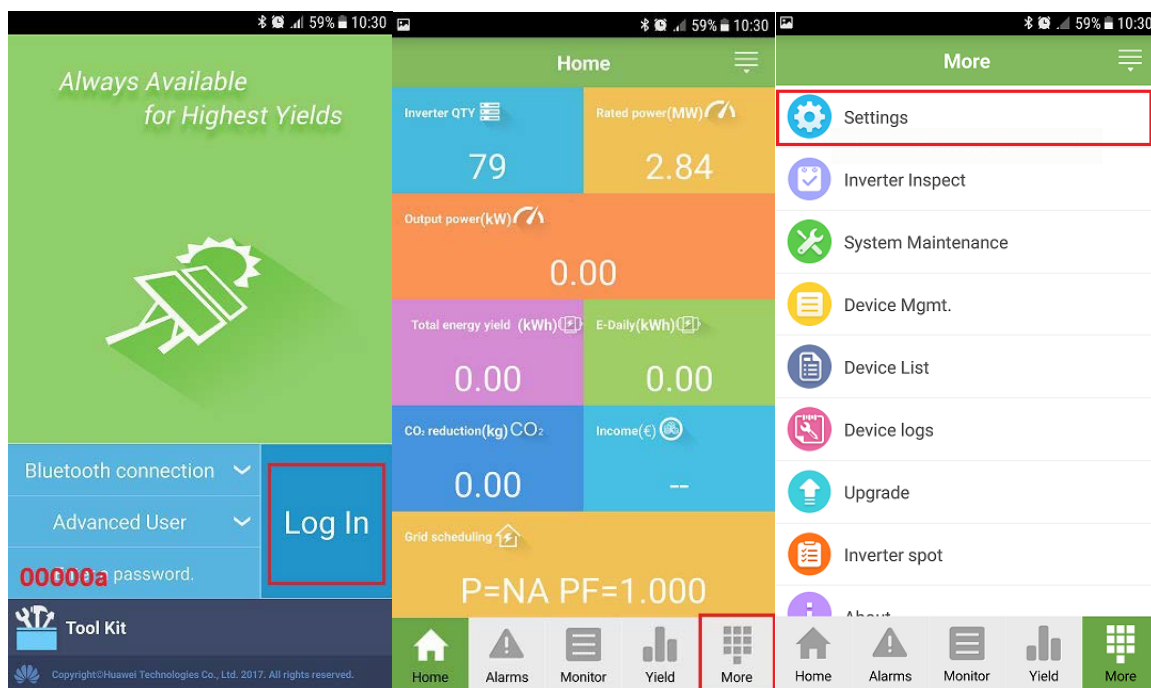
## 2. NetEco settings through SUN2000APP for Smartlogger2000

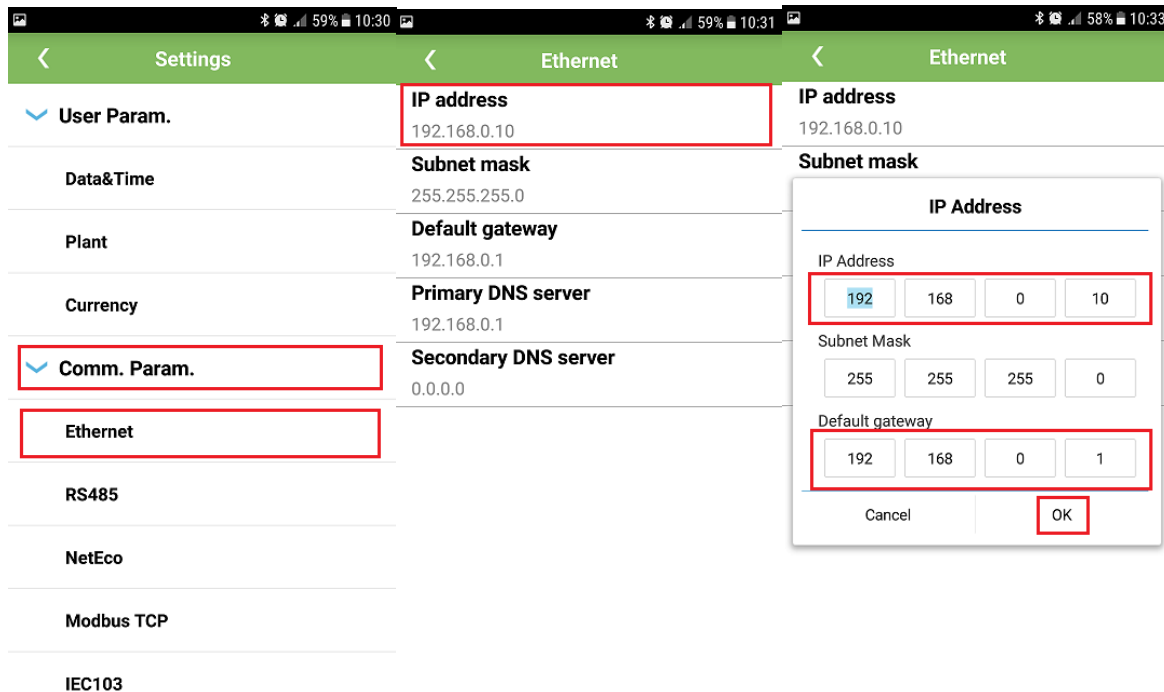
Search for **SUN2000APP** in one of the following app stores, download the installation package, and install the **SUN2000APP** by following the instructions.

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

## 2.1 Set the Ethernet parameters

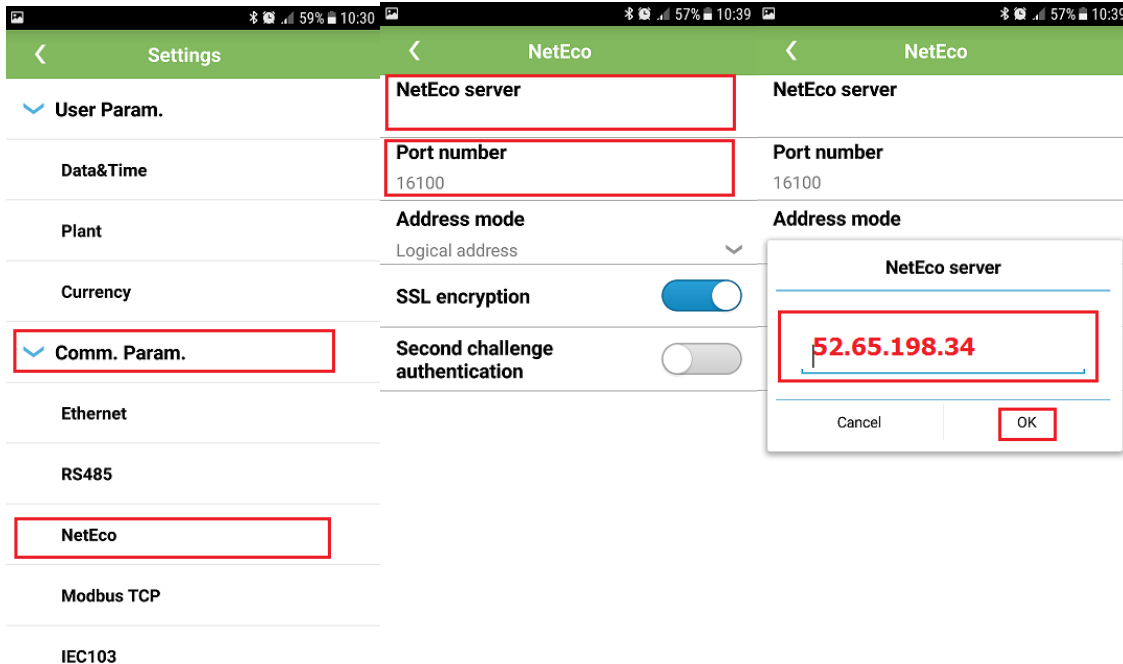
Enable the Bluetooth on your phone and connect on SUN2000APP as Advanced user (default password is “00000a”)→choose from main menu More→Settings→Comm. Param. →Ethernet→set the IP and Default gateway like below.





## 2.2 Set the Neteco IP server

From the “Settings” menu, “Comm.Param” select Neteco. Select Neteco server and set the server IP: 52.65.198.34. The default port number is 16100 and you can leave like it is.

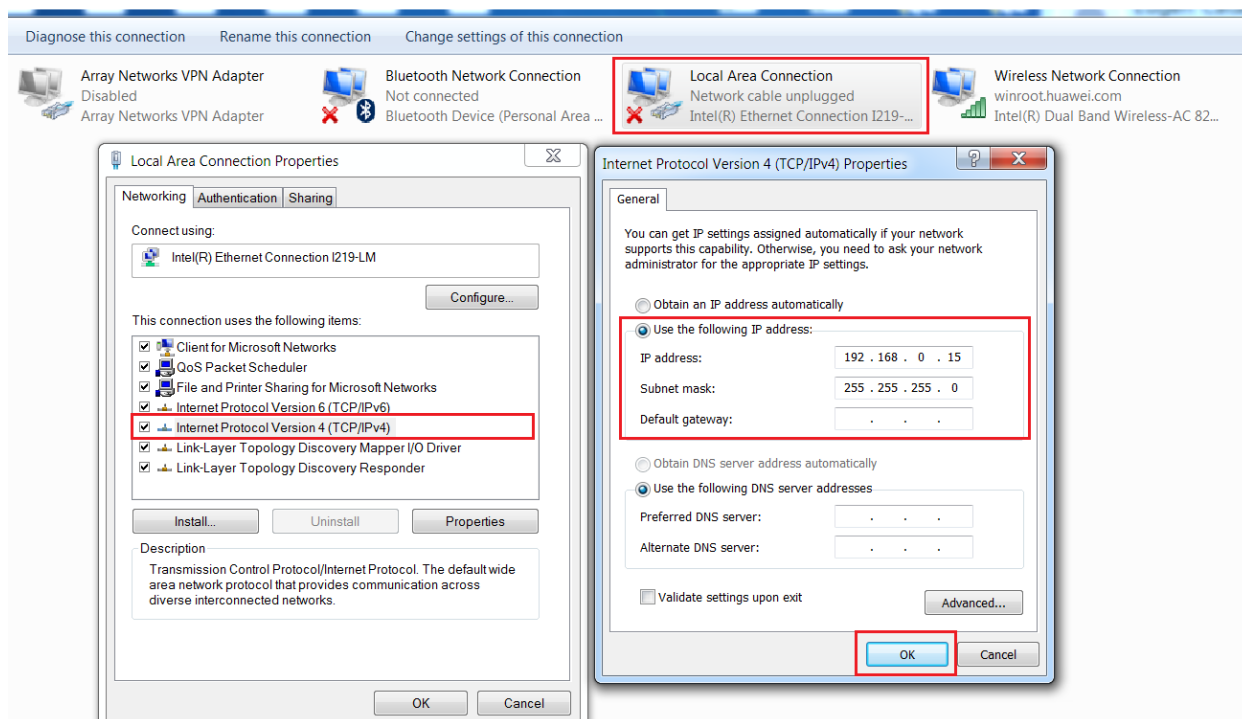


After you set the Ethernet parameter and Neteco IP server contact the service team to check if the Smartlogger2000 communicate with Neteco portal and ask them to create the PV plant and account for you.

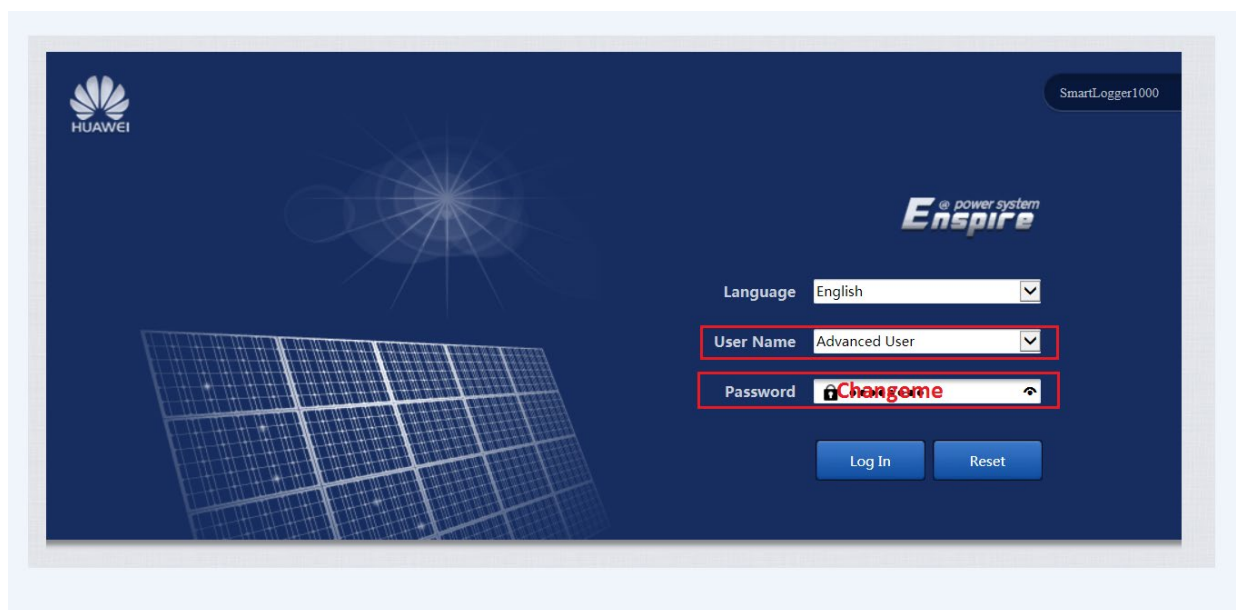
## 3. NetEco settings through WebUi for Smartlogger1000&2000

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:

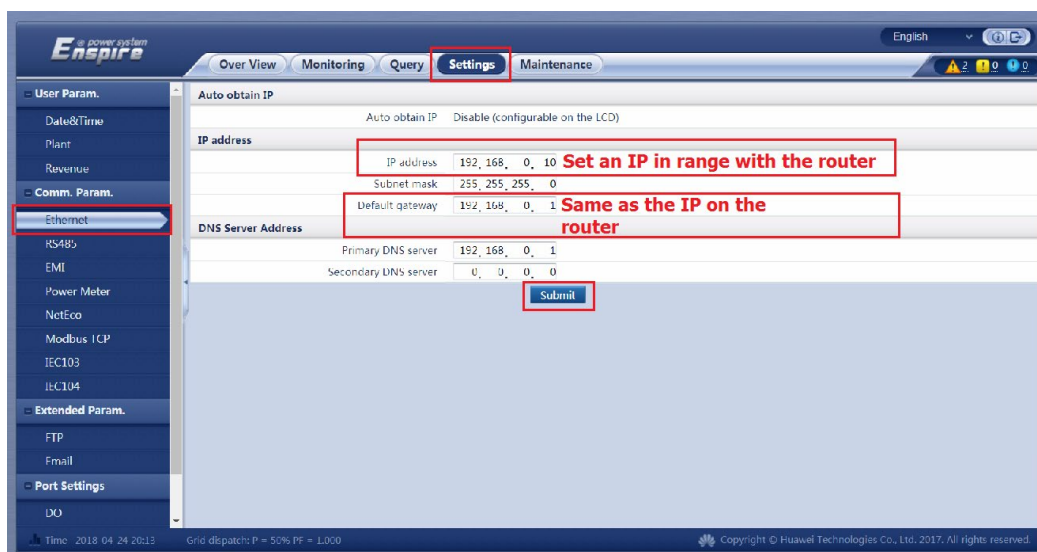


Open the next link in a browser <https://192.168.0.10> and login as advanced user with the default password “Changeme”.



## 3.1 Set the Ethernet parameters

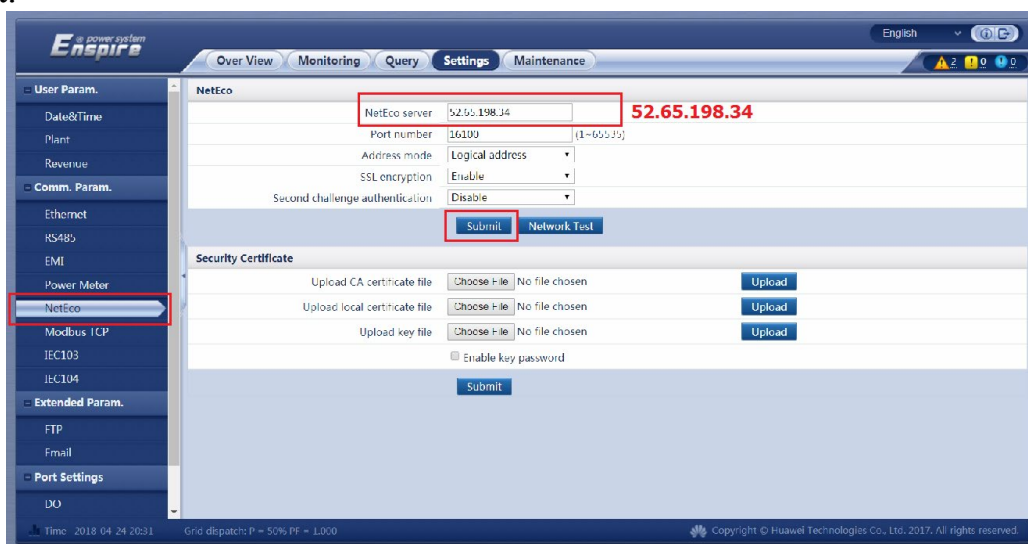
After you login on Smartlogger1000&2000 select Settings menu→Ethernet→and set the IP in the same range with your router and the Default gateway need to be the same with the router IP and submit.



The screenshot shows the 'Settings' menu with 'Ethernet' selected. The 'Auto obtain IP' option is disabled. The 'IP address' field is set to 192.168.0.10, with a red box and text 'Set an IP in range with the router'. The 'Subnet mask' is 255.255.255.0. The 'Default gateway' is 192.168.0.1, with a red box and text 'Same as the IP on the router'. The 'DNS Server Address' section shows 'Primary DNS server' as 192.168.0.1 and 'Secondary DNS server' as 0.0.0.0. A 'Submit' button is visible at the bottom right.

## 3.2Set the Neteco IP server

From the stings menu select Neteco and set the Neteco server IP: 52.65.198.34 and submit.



The screenshot shows the 'Settings' menu with 'NetEco' selected. The 'NetEco server' field is set to 52.65.198.34, with a red box and text '52.65.198.34'. The 'Port number' is 16100. The 'Address mode' is 'Logical address'. The 'SSL encryption' is 'Enable'. The 'Second challenge authentication' is 'Disable'. A 'Submit' button is visible at the bottom right. Below the 'NetEco' section is a 'Security Certificate' section with fields for 'Upload CA certificate file', 'Upload local certificate file', and 'Upload key file', each with a 'Choose File' button and an 'Upload' button. There is also an 'Enable key password' checkbox and a 'Submit' button at the bottom.



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.

**Huawei Enterprise Technical Assistant Center will assist you 24x7:**

**E-mail:** [eu\\_inverter\\_support@huawei.com](mailto:eu_inverter_support@huawei.com); [au\\_inverter\\_support@huawei.com](mailto:au_inverter_support@huawei.com)

**Australia:** 1800046639

**New Zealand:** 080061466

**Link:** <http://solar.huawei.com/>