1. Connecting devices

Choose serial interface

Choose type of connector

2. Network connection

What type of network connection are you using?

Ethernet

Mobile

Should DHCP be used or is the IP address static?

Static IP address

To activate the mobile connection, configuration has to be made at Netbiter Argos. See signal strength as described in section 4

To finish the setup use Netbiter Config (see section B)

3. Power

Connect 9 - 24 V to pin V+

Ground to pin GND

You can only use 9-24 VDC!

Power on the module.

Note! Before using your device follow all the steps.

4. Module status LED

Signal strength

System messages

Module status LED indicator

Description and actions

No power

Check that the power supply is correct.

Not registered on home network

If not using a Netbiter SIM card make sure the SIM pin code security is disabled!

Problem with Network settings

Verify that the SIM card is properly installed.

For modem

No APN.

There is no Access Point Name, APN, set for the Netbiter gateway. The APN must be set from Netbiter Argos. See section C for instructions.

For Ethernet

Network settings.

Make sure that the network settings are correct:

- If set to DHCP make sure there is a DHCP server on the network.
- If set to static IP address make sure that the IP-address, gateway and DNS are correct.

See section B for further instructions.

No connection to Netbiter Argos

For modem

The Netbiter gateway has no connection to Netbiter Argos.

Make sure that the APN is correct. See section C for instructions.

For Ethernet

Make sure that port 443 or 80 or 5222 is open in the firewall.

Boot-up

During boot-up the module status LED is constantly lit.

Signal strength

Make sure that the antenna is correctly mounted and pointing upwards. Use another external antenna or try to move the antenna using extension cables.

Low signal

Experiment with antenna placement to improve reception.

Medium signal

This indicates an optimal setup.

Good signal

Medium signal

5. LED descriptions

Name | Color | Function
--- | --- | ---
Module Status | Off | No power
Serial Status | Green Flashing | Serial Packet receive, Modem communication receive
Ethernet Activity | Green Flashing | Packet receive
Ethernet Link | Green Turned On | Ethernet network detected, 10 Mbps
Orange Turned On | Ethernet network detected, 100 Mbps

Version 3.26.0
Activate the Netbiter gateway

The Netbiter gateway has to be activated before it can start to communicate with Netbiter Argos. In order to complete this procedure you need to have the System ID and Activation Code at hand. The System ID and the Activation Code are provided on the Netbiter Argos information note supplied with the Netbiter gateway.

If you don’t have an account on Netbiter Argos:
1. Go to Netbiter Argos (www.netbiter.net) and click on the Create an account link.
2. When the new account is created, follow the instructions and login to the new account.
3. Click on the Online guide icon and follow the instructions on how to Add and activate a system.

If you want to use an existing Netbiter Argos account:
1. Go to Netbiter Argos (www.netbiter.net) and login to your account.
2. Click on the Online guide icon and follow the instructions on how to Add and activate a system.

Online Guide

The online guide is accessed by clicking on the wand in the upper right corner, as shown in the image.

Mobile communication

If mobile communication is being used:
- The phone number for the SIM card is needed.
- The access point name (APN) for the SIM card is needed.
- Enter username and password if required by the operator.
- Make sure that the SIM pin code security is disabled on the SIM card.

If a Netbiter SIM card is being used, the APN settings will be pre-configured on Netbiter Argos and the pin code is disabled on delivery.

The phone number and APN information should be supplied with the SIM card (if not, please contact the operator for correct information).

EC-Series Accessories

Netbiter I/O Extender

Netbiter I/O Extender series is a collection of analog and discrete I/O modules with Modbus RTU protocol communication.

<table>
<thead>
<tr>
<th>Order Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>K-024</td>
<td>8 AO (QIN), 8 AI/4–20 mA, 8 DO (M)</td>
</tr>
<tr>
<td>K-025</td>
<td>4 AO (QIN), 4 AI/4–20 mA</td>
</tr>
<tr>
<td>K-026</td>
<td>8 M (4–20 mA), 4 AO (QIN)</td>
</tr>
<tr>
<td>K-027</td>
<td>8 AO (QIN), 8 DI/5–24 V</td>
</tr>
<tr>
<td>K-028</td>
<td>4 AO (QIN), 4 DI/5–24 V</td>
</tr>
</tbody>
</table>

Other accessories

<table>
<thead>
<tr>
<th>Order Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-001</td>
<td>Accessories kit (Power adapter and cables EU, UK or US power plug)</td>
</tr>
<tr>
<td>E-002</td>
<td>Accessories kit (50% size Power adapter and cables)</td>
</tr>
<tr>
<td>E-003</td>
<td>GPS receiver kit (433, 915–240)</td>
</tr>
<tr>
<td>E-004</td>
<td>SMA extension cable with magnetic fast and SS cable</td>
</tr>
<tr>
<td>E-005</td>
<td>SMA extension cable for antenna 3 mm</td>
</tr>
<tr>
<td>E-006</td>
<td>SMA extension cable for antenna 5 mm</td>
</tr>
<tr>
<td>E-007</td>
<td>SMA extension cable for antenna 10 mm</td>
</tr>
</tbody>
</table>

Serial port

<table>
<thead>
<tr>
<th>Pin</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>GND</td>
</tr>
<tr>
<td>2</td>
<td>COM</td>
</tr>
<tr>
<td>3</td>
<td>V+</td>
</tr>
<tr>
<td>4</td>
<td>DTR</td>
</tr>
<tr>
<td>5</td>
<td>RTS</td>
</tr>
<tr>
<td>6</td>
<td>RX</td>
</tr>
<tr>
<td>7</td>
<td>TX</td>
</tr>
<tr>
<td>8</td>
<td>+12V</td>
</tr>
<tr>
<td>9</td>
<td>-12V</td>
</tr>
<tr>
<td>10</td>
<td>-12V</td>
</tr>
</tbody>
</table>

Power, I/O, communication

The default password for authentication of the new settings is the new settings will be enabled.

Changing IP settings

To change the IP settings on a detected device, double-click on the device you want to configure in the list of devices. This will open up a dialog where you can enter the desired IP configuration.

Changing IP settings

To change the IP settings on a detected device, double-click on the device you want to configure in the list of devices. This will open up a dialog where you can enter the desired IP configuration.