



NetLink Quick Start

For more information and other documentation visit www.4next.eu or scan the QR code on the side



1. Cabling and connection

1.1 Power supply



Connect NetLink to a 10-32 v DC power supply as in Fig.1.
N.B. NetLink is protected with polarity inversion but for correct operation the polarity must be respected.

→ Fig.1 Power supply connection

1.2 RS485 serial

NetLink allows you to bridge the serial RS485. The terminals for the connections of the serial port are as in Fig. 2.



Fig.2 RS485 serial connection ←

1.3 Ethernet

For connection to the Ethernet network, NetLink is equipped with the RJ45 connector on the front panel (Fig. 3). When connected to an Ethernet network, the status LED turns green. When there is communication, the green LED flashes.



→ Fig.3 Ethernet connector

2. Access and configuration

NetLink is equipped with an integrated WEB server, therefore it can be configured using a standard browser. To access the configuration pages, type the IP address of NetLink from the browser of your PC, tablet or smart phone. The device from which you connect must be within the same network as NetLink (Par. 2.1).

2.1 Network IP address

The default IP address of NetLink is **192.168.1.101**

If your network is of the same IP class: 192.168.1 ..., go to paragraph 2.3, otherwise follow the instructions from point 2.2 to set the correct IP address.

To identify the IP class of your network, run the IPCONFIG command from the command prompt.

```
Prompt dei comandi
Microsoft Windows [Versione 10.0.18362.720]
(c) 2019 Microsoft Corporation. Tutti i diritti sono riservati.

C:\Users\Utente>IPCONFIG

Configurazione IP di Windows

Scheda LAN wireless Connessione alla rete locale (LAN)* 12:

    Suffisso DNS specifico per connessione: station
    Indirizzo IPv6 locale rispetto al collegamento . . . . . : fe80::d493:da7:65
    Indirizzo IPv4 . . . . . : 192.168.1.5
    Subnet mask . . . . . : 255.255.255.0
    Gateway predefinito . . . . . : 192.168.1.1

C:\Users\Utente>
```

↑ Fig.4 Check your PC's IP address

In Fig.4 on the side, the IP address of the PC is 192.168.1.5. It belongs to the same class / network as NetLink, as the first 3 numbers (192, 168 and 1) are the same.

It is therefore possible to reach NetLink from the PC browser.

If the network is NOT of the 192.168.1 class, you can proceed in 2 ways:

1. Set NetLink to work in DHCP (see paragraph 2.2);
2. Set a valid IP on the NetLink (see chapter 5 of the NetLink manual, available on the website www.4next.eu)

2.2 Configuration and settings

NetLink is equipped with an NFC interface that allows the configuration of all system parameters via the iBridge APP.

You can download the App from the following link:

https://drive.google.com/file/d/1yvT_IAocvs2hn8F2HOKWHNAwMFVjH0sy/view?usp=sharing

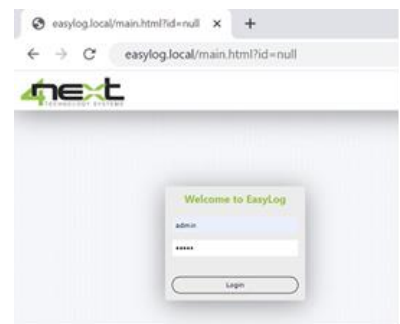
2.3 Login and authentication

Once the IP address has been defined, type it on the browser. It will then be possible to access the NetLink configuration and consultation pages.

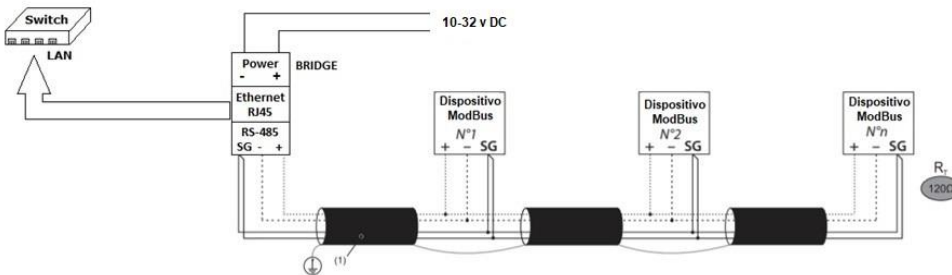
The first screen (Fig. 5) is the username and password authentication page.

The default values are:

User name: **admin**
Password: **admin**



↑ Fig.5 Login browser screen



↑ Fig.6 Connection scheme