



NetLink

Ethernet – Serial RS485 Radio Converter Brochure

4neXt S.r.l.s.

Via L. da Vinci, 15/4
30030 - Vigonovo (VE) - ITALY
TEL: +39 049 0981450 EMAIL: info@4next.eu

4neXt is an established group of experts that designs and manufactures products for **automation**, **data collection** and **management** in M2M and IoT applications. Our product lines include: Configurable Data Logger, Programmable RTU, Communication Gateway, Protocol Converters, Bridges and Wireless Sensors.

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Above All Else... GATHER THE DATA

General Description

Netlink enables the data transmission remotely through **radio communication**.

It has been specially designed to create wireless distributed data acquisition networks.

Thanks to the multiple Netlink interfaces, it allows the following functions:

- RS485 Serial/Ethernet radio Bridge
- Ethernet/Ethernet radio Bridge
- Ethernet/serial converter.

Netlink is the fastest and most effective **“cable replacement”** solution, allowing to reach significant distances in indoor facilities too.

Usually in many applications the link between serial or Ethernet remote devices can present problems because of the distance, channels or different ways of transmission. Netlink solves all these problems and at the same time it is fast and easy to set up.

The configuration APP enables all the parameters settings and the saving on Netlink through the **NFC communication**.



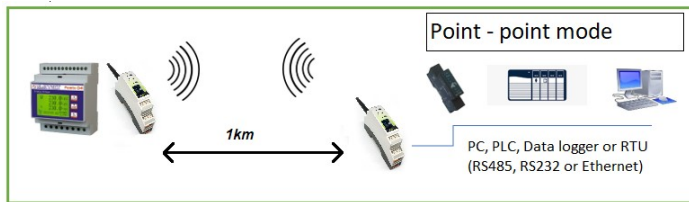
Application

These are the most common applications:

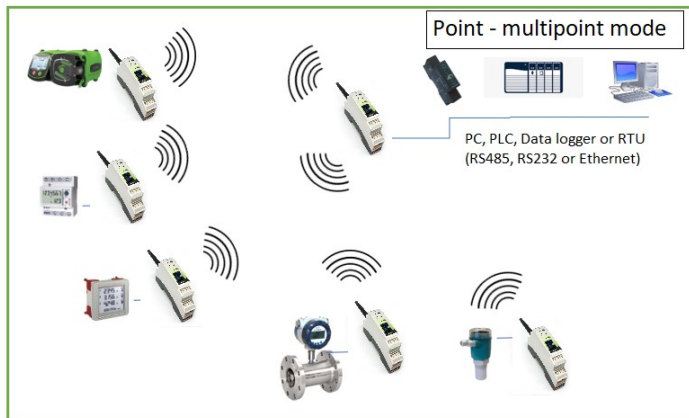
• COMUNICATION BETWEEN MODBUS MASTER AND SLAVE	• ETHERNET/SERIAL PROTOCOL CONVERSION
• REMOTELY WIRELESS DATA TRANSMISSION (3/500M)	

Technical Features

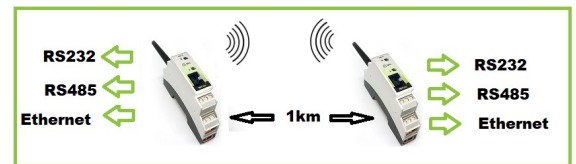
GENERAL	ELECTRIC
10-100Mb/s Ethernet port	Power supply 9-32VDC
Optoisolated RS485	Average absorption: < 1,5W
Frontal signalling LEDs	Configuration via NFC interface
Average consumption 30mA	Radio module: 868MHz
MECHANICAL	ENVIRONMENTAL
IP41 plastic case for DIN rail mounting	Operating temperature: -20°C ÷ +60°C
Size: 18 x 90 x 60 mm (1 DIN module)	Relative humidity: from 0 to 80% without condensation
	Storage temperature: -40°C ÷ +80°C



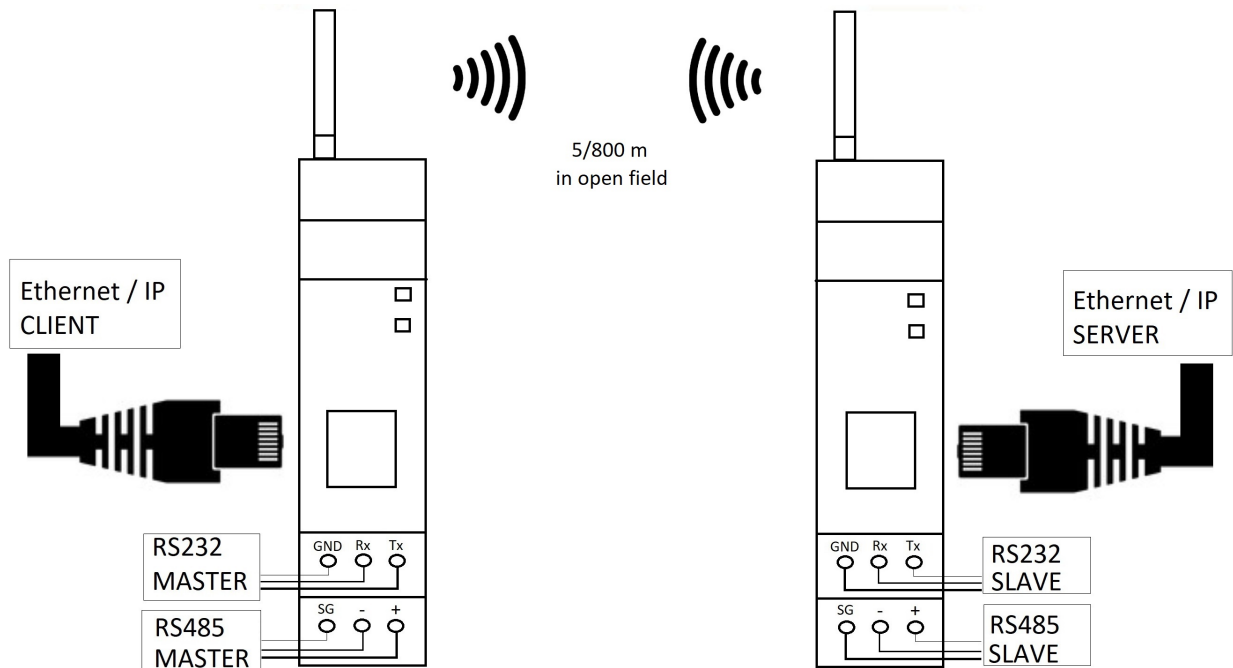
Point to point is the classic cable replacement but Netlink allows RS232, RS485 and Ethernet



Point to multi-point mode to gather the data from a complex network in a very easy manner.



Connection Scheme





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FOR MORE INFORMATION
CONTACT US

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