



NETWORK

The fourth industrial revolution boosts smart manufacturing while enhancing efficiency and competitiveness.

DRN 500
Code 8D5913



4G/LTE Industrial Router

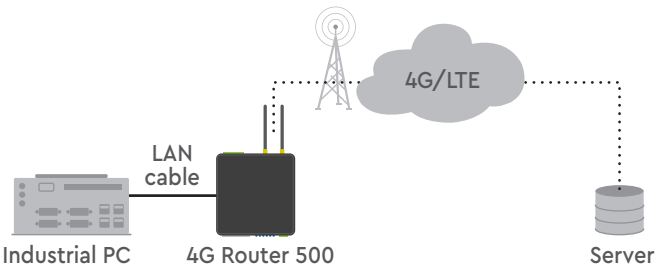
- **4G LTE Router for Industry**
- **4G CAT 4 module for high-speed data transfer (up to 150Mbps)**
- **1 RS485/RS232 serial port**
- **2 LAN 10/100BT ports**
- **1 USB Type C port**
- **USB 2.0 compatible**
- **1 SIM slot (2FF)**
- **1 SIM slot (3FF) for backup**
- **1 digital input**
- **1 digital output**
- **2 external 4G/2G antennas**
- **ModBUS RTU to TCP support**
- **ModBUS RTU to MQTT support**
- **Configuration via WEB interface**
- **Advanced SMS Manager**
- **New DIN Rail mount**
- **External 9–32VDC power supply**

The 4G Router 500 is a router developed for the industrial and professional sector for remote control and monitoring such as PLCs, microcontrollers, input/output devices or energy meters.

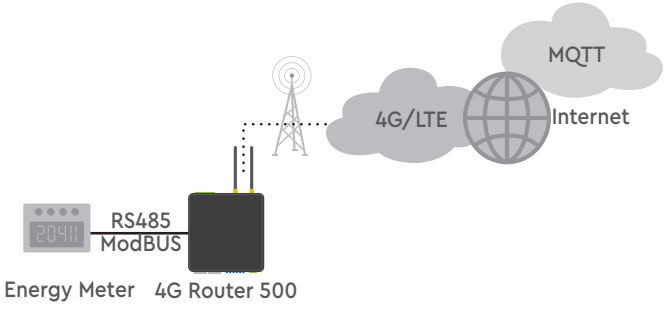
It uses **4G/LTE technology** that can offer high connection speeds (up to 150Mbps) thanks to the latest generation LTE CAT 4 module.

Ideal applications include use where it is necessary to interface with **LAN and RS485 or RS232** serial devices and manage **digital input/output**. **MQTT support** allows information to be sent to the Cloud in an efficient and up-to-date mode typical of new IoT solutions.

Management of the router is entirely available via a WEB interface with simple, intuitive menus.







ROUTER

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An **extended range of 9–32 VDC** typical of industrial cabinets solutions is provided for the power supply.

The 4G Router 500 is equipped with 2 removable external antennas with standard SMA connection for possible replacement with different models according to installation needs.
Thanks to the DIN-rail mount, which can be installed on the narrowest side of the device and rotated by 180 degrees, the DRN 500 seamlessly integrates into control cabinets, taking up minimal space.
The **VPN support** completes the equipment.

Only one SIM, or two in case of backup needs, is needed to manage all requirements.
Advanced features such as remote management via SMS make it particularly suitable for remote control applications.



PACKAGE CONTENT
- 8D5913 4G ROUTER 500
- 2 4G Antennas
- Quick Guide

ACCESSORIES
- 7101002834 – Power supply
- 7165000934 – Antenna



TECHNICAL FEATURES

TYPE OF MOBILE NETWORK
- 4G/LTE-FDD B1/B3/B7/B8/B20 bands (2100/1800/2600/900/800/ MHz)
- HSPA+/UMTS/WCDMA bands B1/B5/B8 (2100/850/900MHz)
- GSM/GPRS bands B3/B8 (1800/900MHz)

SPEED
- 4G/LTE DL150Mbps / UL50Mbps, HSPA+/UMTS/WCDMA DL 21.6Mbps /UL 5.76Mbps

INTERFACES
- 2 Porte LAN 10/100BT
- 1 Porta USB per la configurazione/aggiornamenti
- 1 Porta Seriale RS485/RS232
- 2 SIM slots for any operator (1 2FF and 1 3FF)

ANTENNAS
- 2 4G/3G/2G external antennas on SMA connector

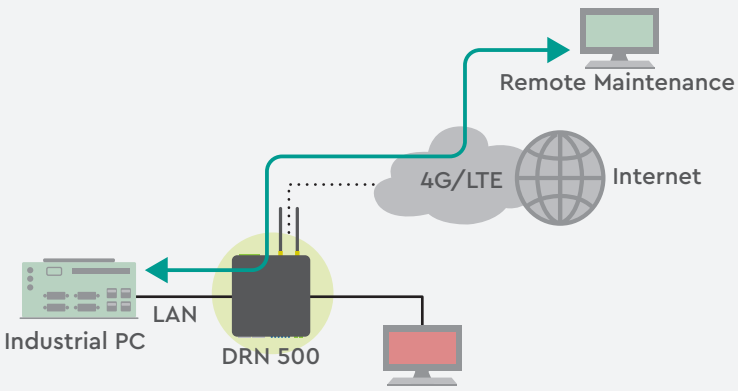
CONFIGURATION
- Via internal WEB interface

FEATURES
- Automatic and manual 4G/3G/2G connection
- Firmware upgradeable via USB port
- ModBUS RTU to ModBUS TCP protocols support
- ModBUS RTIU to MQTT protocols support

ALIMENTAZIONE
- Power supply 9–32VDC
- Operating ambient temperature: -10°C to +70°C
- Operating humidity: 20% to 80% non-condensing

VARIOUS
- Material and Weight: Aluminium, 300 g.
- Dimensions 82 × 83 × 30 mm
- Installation: desktop or DIN rail

CERTIFICATIONS
- CE Marking
- RED
- RoHS



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