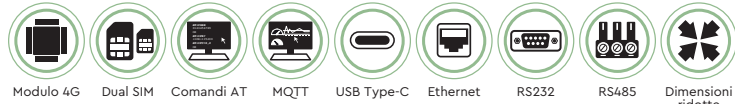




ORDER CODE

8D5913



4G LTE industrial router

- 4G CAT 4 module for data transfer up to 150 Mbps
- Double external antenna
- ModBUS RTU to TCP support
- ModBUS RTU to MQTT support
- Dual SIM for backup management
- Web Server-based configuration

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 150 Mbps) 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 inputs/outputs.

MQTT support allows information to be sent to the Cloud in an efficient and up-to-date manner typical of new IoT solutions.

Router management is entirely available via a WEB interface with simple, intuitive menus.

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

4G Router 500 is equipped with 2 removable external antennas with standard SMA connection for possible replacement with different models according to installation needs.

The use of a metal mechanism with a DIN rail mounting kit simplifies installation in electrical cabinets.

VPN support completes the package.

Only one SIM, or two in case of backup needs, is needed to handle all requirements.

Advanced features such as SMS remote management make it particularly suitable for remote control applications.

APPLICATIONS

Industrial / Professional

Remote monitoring

Monitoring

CERTIFICATIONS

CE Marking

RED

RoHS

PACKAGE CONTENTS

8D5913 4G ROUTER 500

2 4G antennas

1 Ethernet Cable

Quick Guide



TECHNICAL CHARACTERISTICS

TYPE OF MOBILE NETWORK	4G/- LTE band B1/B3/B7/B8/B20 (2100/1800/2600/900/800/MHz) HSPA+/UMTS/WCDMA bands B1/B5/B8 (2100/850/900 MHz) GSM/GPRS bands B3/B8 (1800/900 MHz)
SPEED	4G/LTE DL150Mbps / UL50Mbps, HSPA+/UMTS/WCDMA DL 21.6Mbps/UL 5.76Mbps
INTERFACES	2 LAN 10/100BT ports 1 USB port for configuration/upgrades 1 RS485/RS232 Serial Port 2 Slots for SIM cards of any operator (1 2FF and 1 3FF)
ANTENNAS	2 external 4G/3G/2G antennas on SMA connector
CONFIGURATION	Via internal WEB interface
FEATURES'	4G/3G/2G automatic and manual connection USB port firmware upgrade available ModBUS RTU to ModBUS TCP protocol support ModBUS RTU to MQTT protocol support
POWER SUPPLY	9–32VDC
TEMPERATURE	Ambient operating temperature: -10°C to +60°C
OTHER	Material and Weight: Aluminium, 300 g. Dimensions 80 × 80 × 30 mm Installation: table or DIN rail