

The fourth industrial revolution boosts smart manufacturing while enhancing efficiency and competitiveness. Digicom lives in this environment.

INDUSTRIAL IoT



4G USB Modem 500
Code 8D5912

4G LTE USB industrial modem

- **4G CAT 4 module for high-speed data transfer (up to 150Mbps)**
- **1 USB Type C port**
- **1 SIM slot (2FF)**
- **2 External 4G/2G antennas**
- **USB 2.0 compatible**
- **Management by AT commands**
- **MQTT support**
- **Remote management via SMS**
- **Configuration via Web**
- **Remote update via FTP or MQTT**
- **USB or external power supply**
- **External power supply 9–32VDC**

4G USB Modem 500 is specifically developed for the industrial and professional sector for remote control and monitoring of terminals and PLCs.

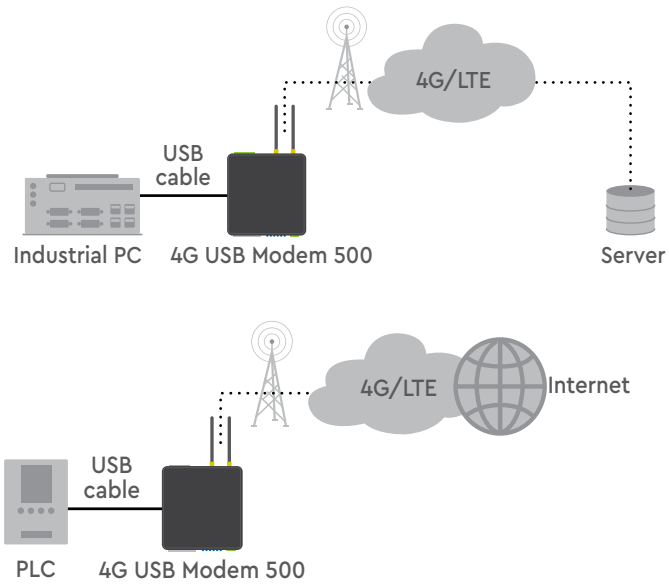
It is a USB Modem with 4G/LTE technology able to offer **high connection speeds** (up to 150Mbps) thanks to the latest generation **LTE CAT 4** module.

Ideal applications include its use in **Linux-based** control units and devices. The operating system will see the modem through the ttyUSB ports.

It is also possible to have the **Remote NDIS** interface to see it as a network resource.

The management of 4G USB Modem 500 is entirely available through **AT commands**.





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The power supply there are different modes: from the USB port (preferably 1A) or externally with an **extended range** of 12–24 VDC typical of industrial panel solutions.

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





PACKAGE CONTENT
- 8D5912 4G USB Modem 500
- 2 4G Antennas
- 1 USB-C Cable
- Quick Guide



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
- 1 USB port for configuration, data and power supply
- Slots for SIM cards of any operator (1 2FF)

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

FEATURES
- Automatic and manual 4G/2G connection
- Firmware upgradeable via USB port

POWER SUPPLY
- Power supply from USB port
- External power supply: 9–32VDC
- Operating ambient temperature: -20°C to +75°C
- Operating humidity: 20% to 80% non-condensing

VARIOUS
- Material and Weight: Metal, 300 g.
- Dimensions 80 × 80 × 30 mm

Installation: desktop or DIN rail

CERTIFICATIONS
- CE Marking
- RED
- RoHS

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