

INDUSTRIAL
IoT

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



4G Industrial Pro
Code 8D5895MDM

4G/2G serial Modem

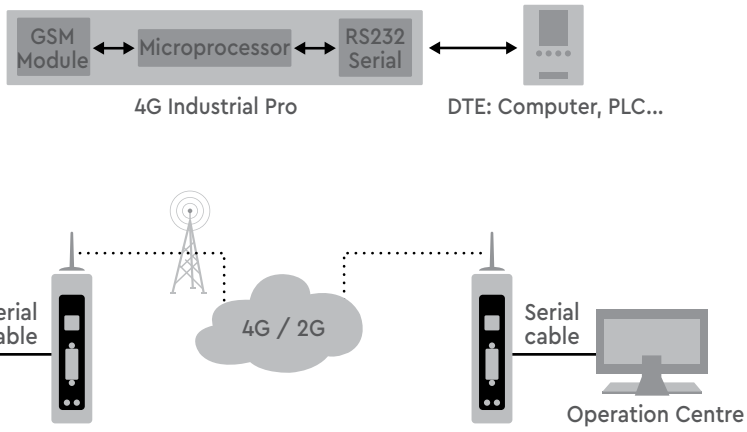
- **4G/LTE CAT1 (800/1800/2600 MHz)**
- **GSM Quad-band (850/900/1800/1900MHz)**
- **RS232 and RS485 data interface**
- **Ideal for connecting PLCs and industrial controllers**
- **Integrated TCP/IP Full Stack**
- **Micro APP for AT commands execution**
- **Power range 9–32 VDC**
- **DIN rail mounting kit**

4G Industrial Pro is the new Digicom serial modem, ideal for use in various **industrial applications**.
This product is a versatile device for different applications, in line with current and future market needs.

Like the previous versions it is equipped with a dedicated Microprocessor and it guarantees the compatibility and robustness of a firmware developed and evolved over the years.
It has **two serial ports**, RS485 and RS232, for the installation in the control panels.
The compact size, the integrated DIN rail, the **extended power supply range** make it suitable for various **remote control and remote management** applications and as a communication Gateway.
The remote management via SMS allows the change of configuration and the control of the GSM network quality.

With 4G Industrial Pro any AT command, not included in your software, can be managed as additional strings directly by the **integrated microprocessor**.





All brands, products and trademarks are property of their respective owners.
The contents of this brochure may be modified without notice.

digicom ENERGY

The TCP/IP stack allows applications not born for the IP protocol to be sent over the Internet to your servers.

Through the integrated microprocessor you can manage the **automatic reboot** to keep the modem always on-line.

The design is extremely compact and robust, made entirely of ABS with industrial characteristics, it allows quick fixing through the integrated DIN support.





TECHNICAL FEATURES

- 4G/LTE bands B3/B7/B20 (1800/2600/800 MHz)
- GSM module: GSM/GPRS Class 10
- Output power: Class 4 (2W/33dBm maximum nominal) for GSM at 900 MHz, Class 1 (1W/30dBm maximum nominal) for DCS at 1800 MHz
- Plug-in SIM card slot (1.8V – 3V)
- 4G/LTE Cat 1 speed (10Mbit/s in Download – 5Mbit/s in Upload)
- 850/900/1800/1900 MHz Quad-band modem
- External Antenna with SMA connector

- AT commands support (GSM 07.07 and 07.05)
- Windows 10, 7, Vista, XP, 2000 supported
- Linux supported

- Management of internal microprocessor
- Non transparent mode (RLP)
- SMS in PDU and Text mode (MT/MO)
- Push – Push (3 – 1,8V) SIM card slots
- Data Interface:
  RS232 9pin (V24/V28)
  RS485 on 3 wires

- Led indicators: Power and GSM
- Power: 9–32 VDC
- Low consumption
- Size: about 115 × 99 × 23 mm
- Weight: about 90 gr
- Temperature range: -20°C / +55°C
- R&TTE approval
- CE Mark

PACKAGE CONTENT

- 8D5895MDM 4G INDUSTRIAL PRO
- 4G/2G Antenna with 3 meters cable
- Wall fixing bracket for antenna
- 4 pins screw terminal for power supply
- Screw terminal for RS485
- Quick Guide

DIGICOM is a trademark of B810 S.r.l.

B810 S.r.l. ITALY • Via Lazzaretti 2/1 Z.I. Mancasale • 42122 Reggio Emilia
Tel. +39 0522 510200 • Fax +39 0522 506299
www.b810group.it

digicom ENERGY