

INDUSTRIAL
IoT

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



2G Industrial Pro
Code 8D5895AMDM

GSM/GPRS serial Modem

- **GSM Quad-band (850/900/1800/1900MHz)**
- **RS232 and RS485 data interface**
- **Integrated TCP/IP Full Stack**
- **Micro APP for AT commands execution**
- **Power range 9–32 VDC**
- **DIN rail mounting kit**

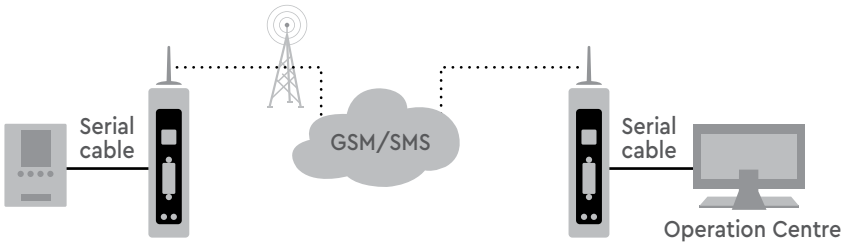
2G Industrial Pro is the new Digicom GSM/GPRS serial modem ideal for various **DATA and SMS applications.**
This product is a versatile device for different applications, in line with current and future market needs.

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 and the **extended power range** make 2G Industrial Pro the ideal solution in industrial applications.
The remote management via SMS allows the change of configuration and the control of the GSM network quality.

With 2G Industrial Pro any AT command, not included in your software, can be managed as additional strings directly by the **integrated microprocessor**.







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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

- 850/900/1800/1900 MHz Quad-band modem
- GPRS class 10
- Standard ETSI GSM Phase 2+ compliant
- Radio GSM 850/900MHz Class 4 (2W output power)
- Radio DCS 1800/1900MHz Class 1 (1W output power)
- 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
- Data transmission up to 9600bps in GSM/CSD mode (point to point)
- Data transmission up to 85.6Kbps in GPRS mode
- Data reception up to 42.8Kbps in GPRS mode
- Management of V.32, V22bis analog protocols
- Management of ISDN V.110 protocols
- 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
- 8D5895AMD 2G INDUSTRIAL PRO
- GSM Antenna with 3 meters cable
- Wall fixing bracket for antenna
- 4 pins screw terminal for power supply
- Screw terminal for RS485
- Quick Guide

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