

NETWORK

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




**Cellular Modem**
**Code 8D5885**

## 2G/GSM/GPRS Cellular Modem

- **GSM/GPRS Modem with RS232 serial port on RJ45 connector**
- **Integrated GSM antenna with external antenna**
- **Data and SMS applications**
- **GPRS Class 10**
- **AT commands via serial and SMS**
- **Automatic Auto Reboot**
- **5 VDC power supply, on standard jack connector**
- **Compact**

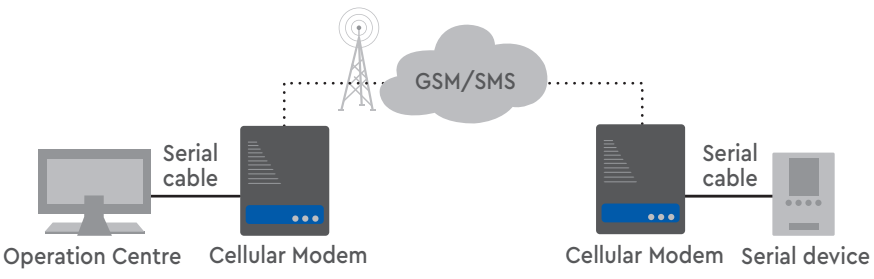
Cellular Modem is the new Digicom GSM / GPRS serial modem, ideal for use in various **DATA and SMS applications**.

The new product was created with the aim of providing a versatile device for different applications and in line with current and future market demands.

Equipped like the previous products of a Microprocessor, to maintain compatibility with the previous versions and for the development of new applications where it is not possible to implement them within the customer's device.

Cellular Modem can be used in any application where **the DATA connection is essential** to access and control the installation remotely, or to connect the periphery with the center and transfer data periodically.
Thanks to remote management via SMS, it is possible to change configuration and check the quality of the GSM network.




MODEM



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With Cellular Modem, any AT commands not included in your software can be managed as additional strings directly by the integrated Microprocessor.

Through the integrated microprocessor it is possible to manage the automatic reboot to keep the modem online.

The extremely compact design, made entirely of ABS allows a fast fixing.





Optional external antenna

## PACKAGE CONTENT

- 8D5885 CELLULAR MODEM
- Power supply 5VDC
- RJ45M-DB9F serial cable
- Kit for wall mounting
- Quick guide

## TECHNICAL FEATURES

- 850/900/1800/1900MHz Quad-band modem
- Class 10 GPRS
- Standard ETSI GSM Phase 2+ compliant
- Radio GSM 850/900 MHz Class 4 (2W output power)
- Radio DCS 1800/1900MHz Class 1 (1W output power)
- Internal antenna with MCX connector for external antenna

- AT commands support (GSM 07.07 and 07.05)
- Windows 7, Vista, XP, 2000 supported
- Mac OS 10.4.9 or higher supported
- Linux supported

- Internal microprocessor management
- Data transmission up to 9600bit / s in GSM/CSD mode (point to point)
- Data transmission up to 85.6Kbit / s in GPRS mode
- Receive data up to 42.8Kbit / s in GPRS mode
- Management of analog protocols V.32, V22bis
- Management of ISDN protocols V.110
- Non-transparent mode (RLP)
- SMS PDU and Text mode (MT/MO)
- Push-Push type SIM card slot (3 – 1.8V)
- Data interface: RS232 9pin (V24 / V28)

- Led indicators: power and GSM
- Power supply: 5VDC
- Low consumption
- Size: 115 × 80 × 25 mm
- Weight: 90 gr
- Temperature range: 0°C / +50°C
- R&TTE Approval
- CE Mark

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