

# GSM/GPRS Modem

**POCKET GPRS PICO - Code 8D5713IA**

**M2M**

- **GSM/GPRS** serial modem
- **Quad-Band Engine** 850/900/1800/1900 MHz
- **Data, SMS** applications
- **Compact size**

## DESCRIPTION

Pocket GPRS PICO is a **GSM/GPRS serial modem** suitable for **Data and SMS applications**.

Pocket GPRS PICO is a compact size modem with **RS232 serial interface** for **industrial and terminal applications**.

Equipped with a **latest generation Quad-Band engine**, **Pocket GPRS PICO** can be used worldwide for wireless applications and it is the **ideal solution** even with **devices working with Operating Systems**: from Windows® up to the several Linux distributions.



The design is very compact and resistant and it makes the product suitable even in the most **extreme applications of industrial environments**.

As **power cabling** it uses the same DB9 connector used for data that is easy and flexible at the same time. Its power range is wide: **from 5 to 32Vdc** with a considerable low consumption, so that Pocket GPRS PICO can be used in various applications without modification or adapter. Also a power supply through solar panel can be taken into consideration.

The data interface is a 9 pin **RS232 serial interface (3 wires only, TD, RD, GND)** able to control the interface speed from 1200 to 115200 bps, as for a standard modem.

Pocket GPRS PICO can be configured through a complete set of AT commands standard GSM ETSI 07.07 and 07.05 and through proprietary AT commands.

The SIM slot (Plug-In 3V and 1.8V) and the **SIM Holder** have been developed for an easy installation and maintenance.

Besides **V.32 protocol** for data connections with analog modem at 9600bps, Pocket GPRS PICO also supports **V.110 digital protocol** for ISDN connections.

POCKET GPRS PICO 19/10/2012



For further information visit our website <http://www.digicom.it>

Pocket GPRS PICO can manage both **PDU and Text SMS**.

With **Class 10 GPRS** you will have 4 channels (timeslots) to receive data and 2 timeslots to send information. You will be able to increase the downstream speed up to 85 Kbps and the upstream up to 42 Kbps.

You will be **always connected but you will pay for the data you send only!**

## 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)
- SMA 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 9600 bps
- Analog protocols management: V.32, V.22bis, V.22, V.21
- ISDN protocol management: V.110
- Non Transparent Mode (RLP)
- PDU and Text mode SMS (MT/MO)
- Plug-in (3 - 1.8V) SIM slot
- 9 pin RS232 serial data interface (V24/V28)
- Power supply on serial port (with a specific pinout)
- Power supply: from 10 to 30 Vcc
- Low consumption
- Temperature range: -20°C/+55°C
- R&TTE Approval
- CE Mark

## Package content

- Pocket GPRS PICO
- Configuration quick guide



For further information visit  
our website <http://www.digicom.it>