INDUSTRIAL

Modem 3G USB

A new generation of devices especially developed for Industrial applications.

- **Quad-band 3G HSPA+/HSPA/UMTS: 850/900/1900/2100 MHz**
- **High Speed Data Transfer:**
  14.4Mbps Downlink
  5.76Mbps Uplink
- **Quad-band GSM/GPRS: 850/900/1800/1900MHz**
- **USB 2.0 and USB 1.1 compliant**
- **Dual-SIM Support with AT Commands**
- **USB Powered or Ext Power Supply**
- **Internal antenna or External**

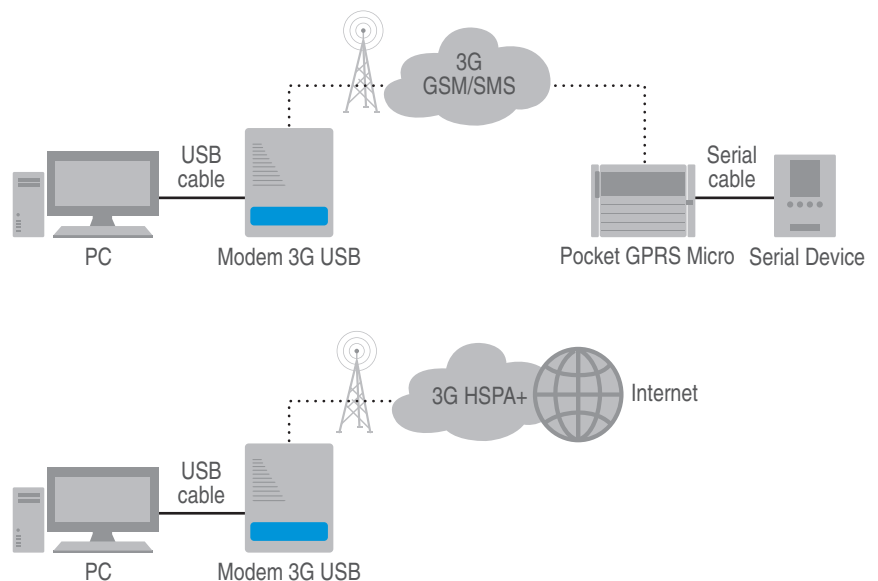## Modem for professional applications

3G USB Modem belongs to the new generation of professional devices and it is the result of years of experience in the data communication.
It is a USB modem with 3G technology besides the standards HSPA+/UMTS/EDGE/GPRS **to be always connected**.
The high connection speed up to 14.4MBps makes it the ideal product for any application where high speed performances are required.
Furthermore it can be used successfully also in foreign countries thanks to the QUAD BAND support.

Passion, Technology, Experience and Reliability,
the four keywords that best describe Digicom's mission.

3G USB Modem can be used in industrial and professional applications for the remote control and the monitoring of terminal and PLC.
The data connection is performed through the 2.0 USB port that simplifies the data transfer from your terminal or PLC.

For the maximum compatibility of the USB port with the various operating systems, the modem can operate with two different modes: USB 2.0 or USB 1.1

USB 2.0 selection is prefect for the use with the most recent operating systems as Seven/Vista/Xp or Linux.
USB 1.1 selection is necessary when using other operating systems like Windows 98SE or some versions of Windows CE.

3G USB Modem has an high gain integrated antenna.
Furthermore you can connect an external antenna with MCX connector for a better reception where the wireless signal is low.

3G USB Modem supports 2 SIM Cards for a better and cheaper coverage selecting the best mobile operator.
The selection is performed through AT Commands.

TECHNICAL FEATURES

3G HSPA+/HSPA/UMTS
- Quand-band 850/900/1900/2100MHx

2G GSM/GPRS
- Quad-band 850/900/1800/1900 MHz
- 2G module: GPRS/GSM Class 10

SPEED
- 3G HSPA+: Download 14.4Mbps / Upload 5.76Mbps
- GPRS/EDGE: Multi-slot Class 12

OUTPUT POWER & SIM
- Class 4 (2W) in GSM at 850/900MHz
- Class 1 (1W) in DCS at 1900/1800MHz
- 2 SIM CARD Holder Plug-in SIM card (1,8V - 3V compatible)

INTERFACE
- USB port for data
  USB 2.0 Seven / Vista / Xp or Linux
  USB 1.1 Other Operating System
  Deep Switch Selection

POWER SUPPLY
- USB port
- Input jack at +12VDC

3G/GSM ANTENNA
- Integrated Quad-band omnidirectional antenna
- MCX connector for optional external antenna
- Impedance: 50 ohm

- AT commands via USB port
- Status LED
- Compact size: 115 x 80 x 25 mm
- CE Mark and Rohs compliant

PACKAGE CONTENT

- 8D5782DG Modem 3G USB
- USB cable
- Quick Guide

RELATED PRODUCTS

Part Number	Description	4G	3G	2G	Power Supply	Serial
8D57824G	4G USB Modem	•	•	•	USB	USB
8D5749	3G USB Din		•	•	12-24 VDC	USB
8D5756	Industrial Modem			•	9-32 VDC	RS232/RS485
8D5680QB	GPRS Modem			•	12 VDC	RS232
8D5684QB	I/O GSM Modem			•	12 VDC	I/O Digital