



## **LM003 3G HSUPA USB Modem with CRC9 Port**

### **Latest High Speed Technology**

The LM003 3G HSUPA USB modem is an unlocked 3G modem providing worldwide roaming and connectivity, so there are no contract ties to worry about - you can use any sim card from any of the operators worldwide and switch between them.

The modem has now been redesigned to incorporate an external antenna port. This enables the modem to connect to our 3 dBi external antenna (LM256). With this antenna attached, there is up to a 25% signal boost – meaning that the LM003 will stay connected in more remote or built up locations for longer.

The LM003 has all of the features of the Setup is easy as the software is installed directly from flash memory on the modem itself - no CD-Rom required. Offering a 7.2Mbps download rate and up to 5.6Mbps upload rate anywhere in the world via your 3G SIM Card.

A micro-SD slot on the modem now accepts a memory card for up to 32 GB (Gigabytes) of memory. A simple slide-in of a micro-SD memory card allows the modem to double as a flash drive to maximize the flexibility of available USB ports.



### **Product Features:**

- Unlocked High Speed Mobile Broadband Modem
- Worldwide roaming and global connectivity with one modem
- Quad-Band class12 GSM / GPRS / EDGE Wireless Mobile Broadband Modem
- High Speed Download: up to 7.2 Mbps and High Speed Upload up to 5.76 Mbps
- Supports GSM/EDGE on : GSM bands 850Mhz / 900Mhz / 1800Mhz / 1900MHz
- Supports HSUPA on : UMTS bands 900 / 2100MHz
- LM256 frequency bands: 870-960Mhz, and 1710-2170Mhz
- Data transmission:
  - HSUPA 3GPP R6, 7.2Mbps download, 5.76Mbps upload rate in max
  - HSDPA 3GPP R5, 7.2Mbps download rate, 236.8Kbps upload rate in max
- Plug & Play (Connection manager in flash memory - diskless installation)
- Full USB v2.0 compatible device
- Micro SD Card Slot (32 GB max)
- Operating Systems: Windows 2000, XP, CE, Vista, Win 7, Macintosh 10.4 & 10.5, and Linux



## LM003

## 3G HSUPA USB Modem with CRC9 Port

### Technical specification

#### OS Compatibility:

- Windows 2000, XP, CE, Vista, Windows 7, Mac OS 10.4 & 10.5, and Linux

#### Data Rate:<sup>1</sup>

- HSUPA: up to 5.76 Mbps upload rate
- HSDPA: up to 7.20 Mbps download rate
- UMTS up to 384 Kbps upload and download rate

#### Physical Specification:

- Chipset: Qualcomm 6290
- Interface: High Speed USB 2.0
- Antenna: On board chip antenna  
External CRC9 port

- Height: 9 mm
- Length: 86 mm
- Width: 26 mm
- Weight: 22 grams

#### Frequency:

- GSM: 850 Mhz / 900 Mhz / 1800 Mhz / 1900 MHz
- UMTS: 900 / 2100 MHz

#### Power Consumption:

- Class 4: +33dBm  $\pm$ 2dB for EGSM900
- Class 1: +30dBm  $\pm$ 2dB for GSM1800
- Class E2: +27dBm  $\pm$  3dB for GSM 900 8-PSK
- Class E2: +26dBm +3 /-4dB for GSM 1800 8-PSK
- Class 3: +24dBm +1/-3dB for UMTS 2100, WCDMA
- SIM interface: 3VDC 6pin,
- Power supply: 5 VDC via USB interface
- Ambient temp: -20 °C ...+65 °C
- Auto switch-off: +75 °C

#### Warranty:

- 12 months warranty

#### Certification:

- CE, and RoHS

#### Notes:

©2010 LM Technologies Ltd is a registered trademark of LM Technologies Ltd in the United Kingdom and / or other countries. Other brand and product names are trademarks or registered trademarks of their respective holders. Information is subject to change with notice. All rights reserved.

Images and photographs are for illustrative purposes only. All copyright and other intellectual property rights for all content is owned by LM Technologies. The information given such as text, images is available to LM Technologies distributors only, for use for marketing purposes. It represents LM Technologies product range and must be used to promote LM Technologies products only.

1 Maximum wireless data rate derived from 3GPP specifications. Actual throughput will vary. Network conditions and environment factors, including volume of network traffic, building materials and construction, and network overhead lower actual data throughput rate.  
2 Environmental conditions may affect wireless signal range.

#### System Requirements

- Pentium Class PC
- Available USB port
- Windows 2000, XP, CE, Vista, Win 7, Mac OS or Linux

#### Package Contents

- LM Technologies LM003 3G HSUPA USB Modem with CRC9 Port
- Quick Install Guide
- Warranty/Support Card
- DVD Style Case /

#### LM Technologies Related Products

- LM009 Wi-Fi 3G Pocket Router
- LM Technologies LM256 3 dBi Antenna w. CRC connector

#### Retail Specification:

- Package Height: 120 mm
- Package Length: 100 mm
- Package Width: 20 mm
- Package Weight: 82 grams

- EAN: 5060077840034

- Carton Qty: 250
- Net Weight: 14.5 Kg
- Gross Weight: 15 Kg
- Carton Dimension:  
Length: 770mm x Width: 300mm x Height: 300mm  
Volumetric: 0.0693