







HSPA+ Mobile Broadband USB Mobile Data Modem with 2x2 MIMO Support and Memory Storage

The Ovation™ MC996D Wireless Broadband USB modem is a compact HSPA+ device that can provide download speeds of up to 28.8 Mbps¹ and upload speeds of up to 5.76 Mbps. With 900 and 2100MHz HSPA+/UMTS bands and Quad Band GPRS/EDGE, the MC996D allows you to connect anywhere in the world be it from home, office, hotel or airport.

Included with the MC996D is MobiLink™ 3, an auto-installing connection manager for Windows and Mac. Simply plug the device into your PC, Laptop or Ultra Mobile PC and the software will automatically install, giving you the freedom to connect to the Internet from almost anywhere.



### Ultra Fast Mobile Broadband Speeds

With peak download speeds of 28.8 Mbps and upload speeds of 5.76 Mbps, surfing and e-mailing have never been quicker.

### Advanced Antenna Technology

Ovation™ MC996D comes equipped with "multiple input multiple output" (MIMO) and diversity antenna technologies to maximise data throughput and operating range.

## Address Multiple Market Segments with One Product

The MC996D fits into all business and consumer segments. The highly styled, leading edge Ovation™ MC996D is suitable for the office, the home and while travelling.

### Integrated microSD

The Ovation™ MC996D is equipped with an integrated microSDHC™ slot to provide flexible storage and file transport options while on the go.





# **Technical Specifications**

# HSPA+ Mobile Broadband USB Mobile Data Modem with 2x2 MIMO Support and Memory Storage

#### Technology/Bands

- HSPA+/HSPA/UMTS 900/2100 MHz
  - · MIMO and diversity on both bands
- Quad-band GPRS/EDGE -850/900/1800/1900 MHz

#### **Advanced Technologies**

- 2 x 2 MIMO Enables industry leading data speeds
- Receiver Equalization improves performance in noisy & highly mobile environments
- Receiver Diversity improves performance at cell edges and in buildings

#### Data Speeds\*

- HSPA+ Release 7 downlink Cat 18 (28.8 Mbps-ready<sup>†</sup>)
- HSPA+ Downlink Cat 14 (21.6 Mbps)
- HSPA+ Release 7 uplink Cat 6 (5.76 Mbps)
- HSDPA Release 5 downlink Cat 10 (14.4 Mbps-ready<sup>†</sup>)
- HSDPA+ Downlink Cat 8 (7.2 Mbps)
- HSUPA Release 6 uplink Cat 6 (5.76 Mbps)
- · UMTS (384 kbps)
- GPRS/EDGE multi-slot class 12 (up to 296 kbps)

#### **Power Class**

- UMTS 900/2100 Power Class 3
- GPRS 1800/1900 Power Class 1
- GPRS 850/900 Power Class 4
- EDGE 850/900/1800/1900 Power Class E2

### **Dimensions and Weight**

- 75mm x 30mm x 8.8mm (LxWxH) target
- 36g (TBD)

### Form Factor

- USB Dongle
- USIM card slot (card size: 25 mm x 15 mm)

### Visual Indicator (LED)

 Multi-colour LED indicator for real-time service status, technology modes, and error conditions

# Antennae

- Integrated penta-band main antenna
- Integrated dual-band MIMO / Diversity antenna
- · High efficiency broadband

### Data Storage

- microSDHC™ slot
- Supports cards with up to 32 GB capacity

#### **Applications**

- Internet, Intranet
- · e-mail
- · Connection logging
- VPN
- · Data storage
- And others

#### On-board install, no CD

 MobiLink™ 3 in flash memory for Windows and Mac

#### Connection Manager

- Plug & Play
- Multi-lingual Support
- Dial-up Connection
- Signal Strength
- Connection Status
- Auto-Connect
- Auto-Select Network
- NDIS & EAP-SIM Support
- Address Book
- Network Profile
- USSD
- SMS

#### **Timers and Counters**

- Data call duration
- Data byte count

#### Standards/Approvals/Certifications

- 3GPP Release 99 for GSM/GPRS
- 3GPP Release 7 for HSPA+
- FCC parts 2, 15, 22 & 24
- CF
- · Industry Canada
- GCF
- PTCRB
- · GSM Phase 2+
- Microsoft WHQL
- R&TTE Directive 1999/5/EC (health, safety, EMC, spectrum) Compliant
- RoHS Directive 2002/95/EC Compliant
- WEEE Directive 2002/96/EC Compliant

### **Operating Systems Supported**

- · Windows® 7, Vista, XP
- Mac OS X® 10.4 or higher
- Linux® 2.6 kernel

### Minimum System Requirements

- · USB Slot 1.1 or 2.0 Port
- · Hard Drive: 100 MB
- Browser: Microsoft Internet Explorer 6.0 or Higher, Firefox or Safari for Mac.

### **Standard Package Contents**

- Ovation MC996D Modem
- Quick Start Guide





NASDAQ: NVTL www.novatelwireless.com

