

ovation™
MC996D



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 21.6 Mbps and upload speeds of up to 5.76 Mbps. With 2100MHz and 900MHz HSPA+/UMTS and Quad Band EDGE/GPRS, the MC996D allows you to connect anywhere in the world be it from home, office, hotel or airport. Other HSPA+/UMTS band combinations are also available.

Included with the MC996D is MobiLink™ 3, an auto-installing connection manager for Windows, Mac and Linux. 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 21.6 Mbps and upload speeds of 5.76 Mbps surfing and e-mailing have never been quicker. When available, a firmware update can further increase download speeds to a blazing 28.8 Mbps and upload speeds to 11.5 Mbps.

Broadband Internet with NovaSpeed™

The MC996D comes with Novatel Wireless' NovaSpeed™ broadband accelerator. NovaSpeed™ enhances your online experience by delivering improved performance when sending and receiving data simultaneously.

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 whilst travelling.

Integrated microSD

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



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Technology/Bands

- HSPA+/HSPA/WCDMA - 900/2100 MHz (with MIMO and diversity on both bands)
- Quad-band EDGE/GPRS - 850/900/1800/1900 MHz
- Other HSPA+/HSPA/WCDMA band options:
 - 850d/1900d/2100
 - 900d/1900/2100d
 - 850d/1900d
 - 850d/2100d

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+ downlink Cat 14 (21.6 Mbps)
 - Firmware upgradable to Cat 18 (28.8 Mbps)
- HSPA+ uplink Cat 6 (5.76 Mbps)
 - Firmware upgradable to Cat 7 (11.5 Mbps)
- HSDPA downlink Cat 8 (7.2 Mbps)
- HSDPA uplink Cat 6 (5.76 Mbps)
- WCDMA (384 kbps)
- GPRS/EDGE multi-slot class 12 (up to 296 kbps)

Power Class

- WCDMA 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

- 78mm 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

- microSD™ / SDHC 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, Mac and Linux

Connection Manager

- Plug & Play
- Multi-lingual support
- Dialup 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
- CE
- A-Tick
- 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® 2000, XP & Vista
- Mac OS X® 10.4 Connection Utility
- Linux® 2.6 kernel

Minimum System Requirements

- USB Slot 1.1 or 2.0 Full Speed Power
- Hard Drive: 64 MB (TBD)
- Browser: Microsoft Internet Explorer 6.0 or Higher, Firefox or Safari for Mac.

Standard Package Contents

- Ovation MC996D Modem
- Quick Start Guide



For More Information:

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