

ovation™
MC990D



7.2 Mbps HSPA Mobile Broadband USB Modem with Memory Storage

The Ovation MC990D 2-in-1 device is one of the industry's smallest and fastest mobile broadband devices currently available. Designed with Novatel Wireless patent-pending technology and with additional features such as receiver diversity and equalisation, the Ovation MC990D boasts wireless data speeds up to 7.2 megabits per second (downlink) and 2.1 Mbps (uplink).

The Ovation MC990D is a self-contained, sleek and compact broadband USB modem coupled with memory storage capability via microSD™. The same size as an average memory stick, the Ovation MC990D fits easily in a shirt pocket for DSL-like connections when you're out of the home or office.



Worldwide Operation

Operates virtually anywhere in the world with the multiple frequency band operation in HSPA, WCDMA, EDGE and GPRS. The Ovation MC990D automatically detects the best available dataspeeds.

Control Your Costs and Network Access

Keep track of data usage and the networks you use. A simple inclusive configurable calculator allows you to estimate costs, so no nasty surprises in your bill. Manually connect and disconnect from a network to avoid unwanted 'push' downloads.

Zero install software – no CD required

Installation on Windows and Mac is quick and easy, no CD required! Ovation MC990D is programmed with MobiLink™ Lite auto-installation for Windows systems and a Mac Driver Installer for simple configuration with Mac Internet Connect.

Integrated microSD slot

The exclusive 2-in-1 design of Ovation MC990D is equipped with an integrated microSD slot, providing flexible memory storage and file transport options while on the go. Memory cards are available in various sizes*, allowing you to store and easily transport important files, photos, music and even videos.

Upgradeable

Ovation MC990D may be upgraded to support new features and applications. This includes a future upgrade to category 6 HSUPA, up to 5.76 Mbps uplink.

Branding, Customisation, and Multiple Language Options

Customisation on the device, packaging, collateral, and software keep this offering aligned with OEM's or operator's marketing and branding strategies.



Leading Provider of 3G Wireless Broadband Access Solutions for the Global Marketplace

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*microSD cards sold separately

7.2 Mbps HSPA Mobile Broadband USB Modem with Memory Storage

Technology/Bands

- HSPA/WCDMA – 900 MHz; 1900 MHz; 2100 MHz
- GPRS/EDGE – 850 MHz; 900 MHz; 1800 MHz; 1900 MHz

Receiver Technologies

Advanced receiver incorporating:

- Diversity on all HSPA/WCDMA bands for improved performance at cell edge and in-building
- Equaliser for improved performance in noisy and high density mobile environments

Data Speeds

- HSDPA - Up to 7.2 Mbps downlink*
- HSUPA - Up to 2.1 Mbps uplink; category 6, up to 5.76 Mbps firmware upgradeable

Power Class

- WCDMA – power class 3
- EDGE – power class E2
- GPRS – power class 4

Dimensions and Weight

- 70mm x 25mm x 13.5 mm
- 36g (1.2 oz)

Form Factor

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

Visual Indicator (LED)

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

Antenna

- Integrated, 5 bands
- 3 band receive diversity antenna
- High efficiency broadband

Power Consumption

- Power nominally 0.5 Amp at 5 Volts
- Performance optimized to individual host
- Host capability stored
- Idle & low power modes (USB Selective Suspend)

Zero install, no CD

- MobiLink Lite in flash memory
- Quick Install 3G Drivers for Mac
- Up to 96 MB available for drivers and connection in on-board flash memory

Operating Systems Supported

- Windows® Vista, XP, 2000
- Mac OS® X 10.4 or later
- Linux® 2.6 kernel

Minimum System Requirements

- x86 type processor (e.g. Intel® or AMD®)
- USB connection v1.1 or 2.0** (full size connector)
- Min disk space: 14 MB
- Internet browser software

Standards/Approvals/Certifications

- 3GPP Release 99 for GSM/GPRS
- 3GPP Release 5 for HSDPA
- FCC parts 2, 15, 22 & 24
- CE Marking
- GCF
- PTCRB
- GSM Phase 2+
- Microsoft WHQL
- IOT Compliance
- R&TTE Directive 1999/5/EC (health, safety, EMC, spectrum) Compliant
- RoHS Directive 2002/95/EC Compliant
- WEEE Directive 2002/96/EC Compliant
- A-Tick
- Industry Canada

Software and Applications

- Plug & Play
- Multi-language support
- Dial-up Connection
- Signal strength
- Connection Status
- Auto-Connect
- Auto-Select Network
- NDIS & EAP-SIM Support
- Address Book
- Network Profile
- Help Menu & Self Diagnostics
- Field Test Data
- Complete Session Statistics

Additional features not included in Mobilink

- SDK for dashboard integration
- Supports 3rd party dashboard features including†:
 - Network attach/detach
 - User setting of alarm thresholds for on home network, roaming on 'preferred' network, or roaming on 'non-preferred' network

Standard Package Contents

- Ovation MC990D Modem
- Quick Start Guide (multiple languages)
- Laptop Display Clip and USB Extension Cable
- Lanyard
- Optional CD



For More Information:

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NASDAQ: NVTL

www.novatelwireless.com

* When roaming onto networks or sections of a network that does not support HSPA at these peak speeds, the MC990D will automatically choose the best available speed.

** USB 2.0 recommended for maximum performance

† Network operator dependant