

## MB6800M 3G FMC Router

**Com Code: M2513773231**

*Top Global provides toll-free technical support line 1-888-Top-Glob*

MB6800M is a third generation (3G) Fixed Mobile Convergence (FMC) access router in the MobileBridge™ product family. It combines both 3G/4G cellular and DSL/Cable and offers up to 4 Ethernet ports for local computers and other network devices.

Easy connection to high-speed 3G/4G cellular network and DSL/Cable network makes the 3G FMC Router an ideal Internet access solution for Retail, SOHO, and SMB.

MB6800M is ROHS & WEEE compliant.

### Multiple WAN Connections

There are two WAN options available in MB6800M, 3G Cellular Aircard and Fixed lined WAN (DSL or Cable). Multiple connections offer best redundancy with maximum bandwidth and makes your network reliable at all time.

### Advanced Auto-Failover Scheme

When a wired line network interruption is detected, MB6800M will automatically establish a high-speed broadband wireless link and all data traffic gets routed over the cellular data network. During this period, auto-reconnect is enabled to maintain a consistent, stable, wireless broadband link. When the primary data path is restored, the MB6800M will disconnect wireless network automatically and returns to wired link.

### Top Security with Firewall and VPN

There is a powerful firewall integrated in MB6800M, which integrates features including Stateful Packet Inspection (SPI), Network Address Translation (NAT), MAC filter, Anti-Attack and URL filter. Those features protect your network against malicious attacks and offer secure access to resources.

MB6800M also has built-in VPN end point and gives the Enterprise users maximum protection

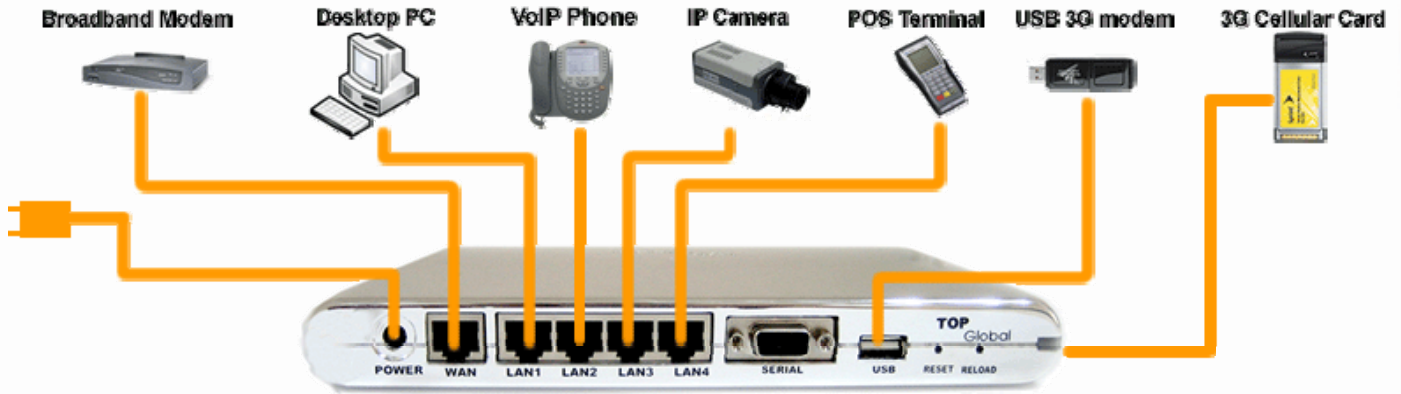
### Remote Central Management

MB6800M supports wireless group management by Top Global Remote Central Management (RCM) software. RCM provides enterprise class management and administration to configure, monitor, and manage Top Global 3G router products. RCM can help our customer to reduce network devices maintenance costs. Network administrator can monitor all MB6800M just by sitting behind a computer, no boring daily maintenance trips are needed, and efficiency can be enhanced dramatically.

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There is a GPS location service build in RCM. Administrator can get position information of all MB6800M at real time by just log into RCM system.



### Supported Cellular Card List

#### Alltel

Kyocera KPC 650

#### AT&T

Option Wireless GlobeTrotter GT MAX

Sierra AC875

Sierra AC881

#### Sprint

Novatel S620

Novatel S720

Novatel U727

Pantech PX-500

Sierra AC580

Sierra AC595

UTStarcom PC5750

#### Verizon Wireless

Audiovox PC5220

Kyocera KPC650

Novatel V620

Novatel U727

Sierra AC580

Sierra AC595

UTStarcom PC5750

### Product Specifications

#### Network Features:

- Load balance between WAN and 3G
- Auto Failover between WAN and 3G
- DHCP Server
- DNS Relay
- Auto-Reconnect
- Dial On Demand
- Always On
- Link Integrity
- PIN
- NAPT between LAN and WWAN
- IP Port Forwarding
- DMZ Support
- MAC access control
- NTP
- DDNS
- SNMP V1/V2
- RIP v1, v2
- OSPF
- QoS
- Serial Modem Back up

#### Management:

- User-friendly Web GUI
- Remote Central Management
- Setup Wizard 3G/4G WWAN
- Session and Status Monitoring Multiple
- Cellular Network Dial Up Mode

#### Security:

- Industry Leading Firewall Features
  - NAPT/ Port Forwarding
  - SPI
  - MAC Filter
  - Anti-Attack
  - URL Filter
- VPN End Point Feature, ESP/AH, 3DES/DES/MD5/SHA-1
- VPN pass-through for IPSec and PPTP

#### Interface:

- 3G/4G Cellular PCMCIA Slot
- 5 x 10/100Base-T (1 WAN and 4 LAN)
- 9 -Pin RS232 connector
- 1 x USB host

#### Environmental Specifications:

- Operating Temperature: 0-40 °C
- Storage Temperature: -20-70 °C
- Operating Humidity: 10-85% (Non-Condensing)

#### Physical Specifications:

- Dimension 180 (L) x135 (W) x25 (H) mm
- Weight 0.3 kg

#### Warranty:

- 1 year

### System Requirements

- Broadband (cable, DSL) Internet service and modem with Ethernet connection
- Active 3G PCMCIA cellular card
- 3G USB Modem
- Ethernet adapter and cable for each computer
- Windows® 98SE, Me, NT, 2000, XP or other operating systems running a TCP/IP network
- Internet Explorer 6.0 or Netscape® 4.7 or higher

### Package Contents

- MB6800M
- Power Adaptor
- LAN Cable
- CD (User Guide, Tools, Firmware)
- Quick Installation Guide