

MB8000

Highly Integrated Wi-Fi/3G Mobile and Portable Office



- Pure Wireless and Mobile
- Simple to Install/Maintain
- Ultimate Security and Reliability
- Low Total Cost for Service Provider and Enterprise
- Provides Wireless Internet Access Anywhere at Anytime

TOP Global's MobileBridge™ is a patented, mobile/portable wireless communication gateway. MobileBridge™ is the industry's first and most integrated WLAN and 3G WWAN solution for Enterprise, Mobile Hot Spots, and WISPs. It is secure, simple to use, and easily scalable to enable new applications of Wi-Fi.

Top Global's mobile hot Spot solution, MobileBridge™, combines the best of Wi-Fi technology and 3G mobile communication technology. It leverages the existing and widely available 3G infrastructures with flexible, low cost and simple to use WLAN technology for enterprise applications and for rapid deployment of hot spots anywhere around the world. The solution comes with a full compliment of software packages including security, network management, and AAA (Authentication, Authorization, Accounting) features.

Features of MB8000

The Most Convenient and Rapid Installation

Available instantaneously with only electric power required. Wired backhaul is not necessary. Total investment and time for the wireless network/Hot Spot construction could be reduced dramatically.

Top Security Design

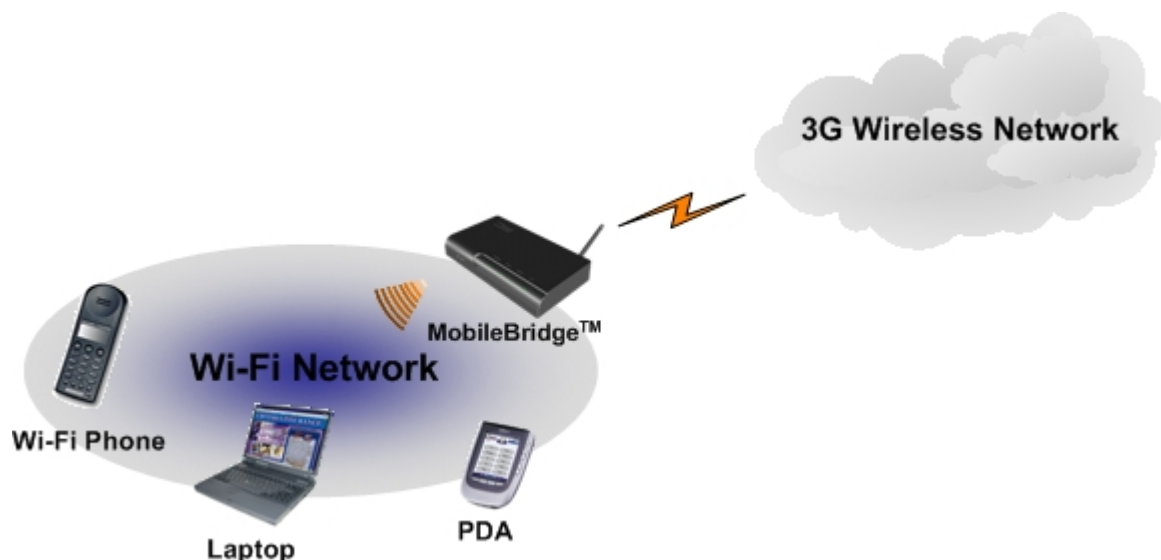
MB8000 utilizes the WPA scheme and offers the secure "Always on, anywhere, anytime" wireless connectivity to subscribers. It also supports VPN and gives the Enterprise users maximum protection.

Flexible Management

MB8000 supports web based GUI management, remote centre management and command line management. And no client software is mandatory for management.

Ideal for Mobile and Remote Office

Mobile professionals can bring their own broadband wireless network while visiting clients or while working in remote locations.



MB8000 Technical Specifications

Wireless

Supported PCMCIA Card List

HSDPA:	Sierra AC860, AC850; Novatel U730, U740
EVDO:	Sierra AC580, PC5220; Novatel V620, S620; Kyocera KPC650; Audiovox PC5740
UMTS:	Novatel U530, U630; OPTION Fusion; Vodafone Card
EDGE:	Sierra AC775
CDMA 1x:	Sierra AC555; Novatel Merlin C201, C386; ZTE MC310

WLAN

- 802.11b/g
- Transmit power: 15 dBm
- Receiver sensitivity:
1 Mbps -93 dBm;
54 Mbps 10-5 BER @ -70 dBm

Networking

- DMZ Support
- NAPT between LAN and WWAN
- DHCP Server
- MAC access control
- IP Port Forwarding
- DNS Relay
- Bridge between LAN and WLAN
- Auto-Reconnect
- Dial On Demand
- DDNS

MANAGEMENT

- HTTP server for web-based management
- Remote Centre Management
- SNMP V1/V2
- Standard and Extended MIBs
- TFTP
- Syslog
- CLI & Telnet Server for command line management
- Scan tool for upgrade management

SECURITY

- Wireless user isolation
- Access Control Table and RADIUS Authentication/Accounting
- 802.1x, TKIP support
- VPN End Point Feature, ESP/AH, 3DES/DES/MD5/SHA-1
- VPN pass-through for PPTP and IPSec
- HTTPS for Web management
- 64-bit WEP & 128-bit RC4 encryption
- WPA and WPA PSK
- Web Portal
- Password protected for web access
- Closed system

INTERFACE

Wired:	10/100Base-T (LAN)
Wireless:	3G Cellular Network PCMCIA Slot WLAN IEEE 802.11b/g
Serial:	D-Sub RS232 connector

ENVIRONMENT SPECIFICATIONS

	Temperature	Humidity
Operating:	0-50°C	90% (Non-Condensing)
Storage	-20-75°C	90% (Non-Condensing)

POWER SUPPLY

100/240 VAC high qualities and worldwide safety approval

LEDS

4LEDs	Power 3G Cellular Network Activity Wi-Fi Activity Wired Ethernet
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PHYSICAL

Dimension	258mm (H) × 145mm (W) × 39mm (D)
Weight	850 gram

WARRANTY

1 year

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