

# 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 world's first and most integrated WLAN and 3G/4G 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/4G mobile communication technology. It leverages the existing and widely available 3G/4G 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**

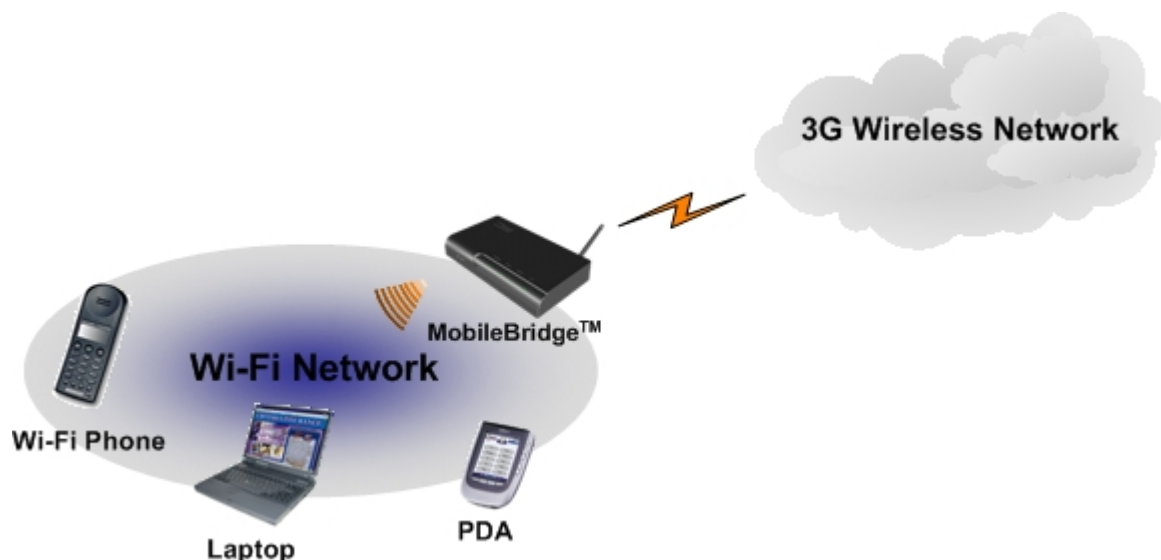
MB8000 utilizes the WPA scheme and offers the secure "Always on, anywhere, anytime" wireless connectivity to subscribers. It also supports VPN and gives the Enterprise users maximum protection.

#### **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, AC875; Novatel U730, U740, XU870; OPTION Trotter, GT Max;
EVDO:	Sierra AC580, PC5220, AC595; Novatel V620, S620, S720, XV620; Kyocera KPC650; Audiovox PC5740; Pantech PX-500
UMTS:	Novatel U530, U630; OPTION Fusion; Vodafone Card
EDGE:	Sierra AC775
CDMA 1x:	Sierra AC555; Novatel Merlin C201, C386

### 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
- FTP
- OFDM Technology

## 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
- Customize splash page

## 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/4G Cellular Network PCMCIA Slot IEEE 802.11b/g embedded
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/4G 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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