

# 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 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***

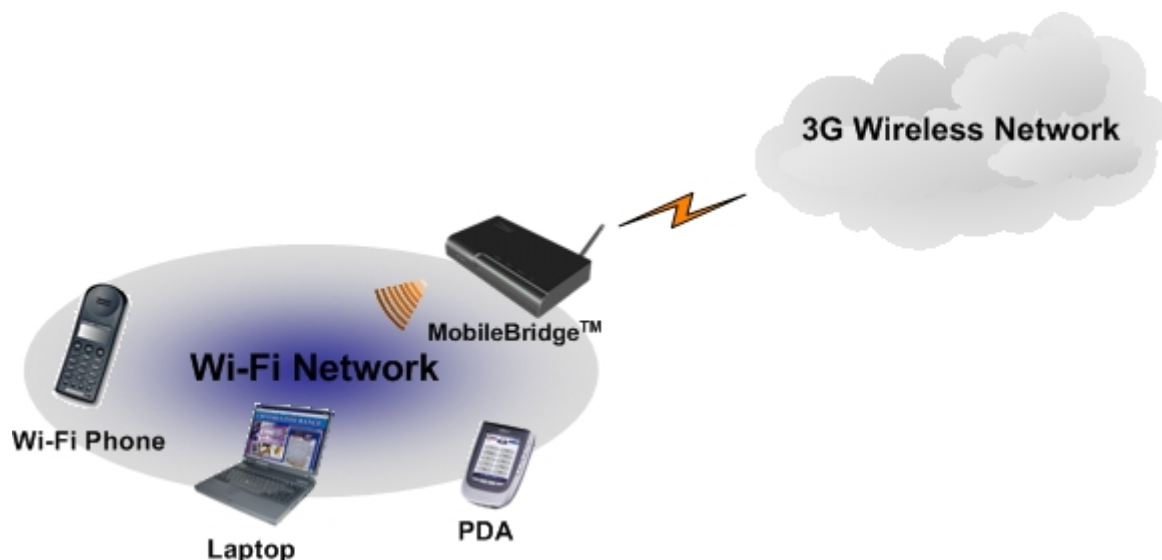
MB8000 utilizes the TKIP scheme and offers the secure "Always on, anywhere, anytime" wireless connectivity to subscribers. It also supports VPN and gives the Enterprise user maximum protection.

#### ***Flexible Authentication***

No client software is mandatory. Built-In Web Portal supports up to 10 users simultaneously with their own usernames and passwords. RADIUS Client within MB8000 supports various accounting methods.

#### ***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

### WWAN

UMTS: Novatel U530, U520  
EDGE: Sierra AC775  
EVDO: Sierra AC575, AC580, PC5220;  
Novatel V620; Kyocera KPC650;  
UT Starcom PC5741  
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

- WLAN 802.11b/g
- WWAN support
- Wired LAN support
- NAPT between LAN and WWAN
- DHCP Server
- MAC access control
- IP Port Forwarding
- DNS Relay
- Bridge between LAN and WLAN

## MANAGEMENT

- SNMP V1/V2
- Standard and Extended MIBs
- HTTP server for web-based management
- 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 passthrough for PPTP and UDP encapsulated IPSec
- HTTPS for Web management
- 64-bit WEP & 128-bit RC4 encryption
- WPA
- Web Portal
- Password protected for web access
- Closed system

## INTERFACE

Wired: 10/100Base-T (LAN)  
Wireless: WWAN  
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  
Wireless WAN Activity  
Wireless LAN Activity  
Wired Ethernet

## PHYSICAL

Dimension 258mm\*145mm\*39mm  
Weight 850 gram

## WARRANTY

1 year

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