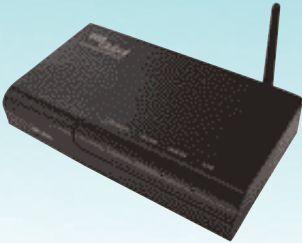


# MobileBridge™ 8000



The **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.

The 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.

## HIGHLY INTEGRATED WI-FI/3G MOBILE AND PORTABLE OFFICE

### FEATURES OF THE MB8000

Available instantaneously with only electric power required eliminating backhauled wiring. Dramatically reduces total investment and time for the wireless network/ Hot Spot construction.

### TOP SECURITY DESIGN

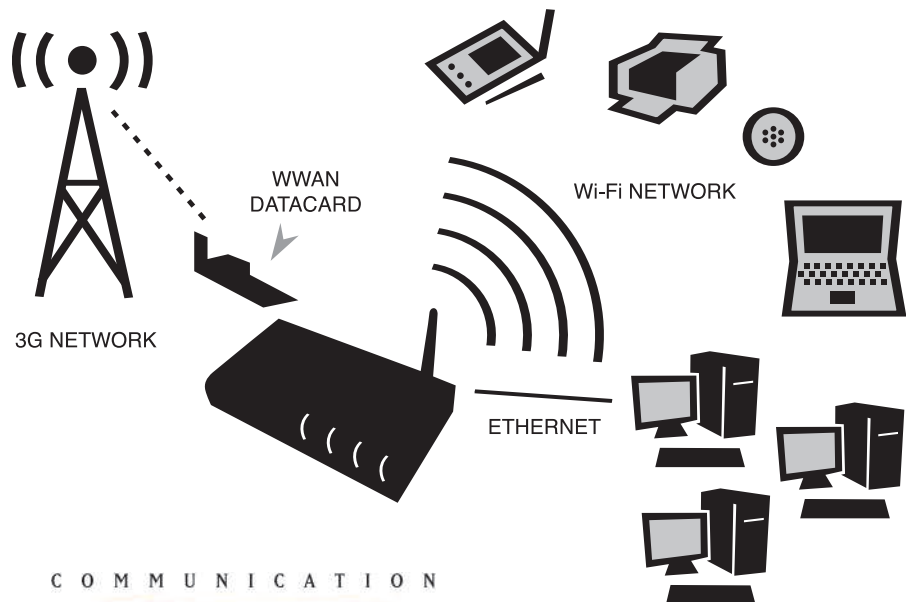
MB8000 utilizes the TKIP scheme and offers the secure "Always on, Anywhere, Anytime" wireless connectivity to subscribers. It also supports VPN and gives the Enterprise user maximum protection.

### 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 working out on even remote locations.



**TOP**Global  
Broadening Wireless Horizons

COMMUNICATION  
**CMS**  
MANAGEMENT SERVICES

# MB8000 TECHNICAL SPECIFICATIONS



## WIRELESS Supported PCMCIA Card List

UMTS:	Novatel U530, U630; OPTION Fusion; Vodafone Card
EDGE:	Sierra AC775, Ericsson GC83, MC75
EVDO (REV 0):	Novatel V620, V640, S620; Sierra AC 575, AC580, PC5220; Kyocera KPC650; Audiovox PC5740; UT Starcom PC5741
EVDO (REV A):	Novatel S720; Sierra AC595; Pantech PX-500
CDMA 1x:	Novatel Merlin C201, C386; Sierra AC555; ZTE MC310
HSPDA:	Novatel U730, U740, XU870; Sierra AC860, AC850, AC875; Huawei E620; OPTION GlobeTrotter; GT MAX
WLAN:	802.11 b/g
Transmit Power:	15dBm
Receiver Sensitivity:	1 Mbps -93 dBm   54 Mbps 10-5 BER @ -70 dBm

## NETWORK

- Auto-Reconnect
- DHCP Server
- DNS Relay
- Dial on Demand
- DDNS
- Bridge Between LAN and WLAN
- SNMP v1, 2c
- MAC access control
- DMZ Support
- NAT between LAN and WWAN
- IP Port Forwarding

## MANAGEMENT

- User-Friendly Web GUI
- Setup Wizard
- Multiple Cellular Network Dial Up Mode
- Traffic & Event Log
- 3G WWAN Session & Status Monitoring
- CLI & Telnet Server for command line management
- Standard and Extended MIBs
- HTTP server for web-based management
- TFTP

## SECURITY

- Wireless user Isolation
- HTTPS for Web Management
- Access Control Table and RADIUS Authentication/Accounting
- Web Portal
- 64-bit WEP & 128-bit RC4 encryption
- VPN pass-through for PPTP and UDP encapsulated IP Sec
- 802.1x, TKIP support
- WPA & WPA PSK
- VPN End Point Feature, ESP/AH, 3DES/DES/MD5/SHA-1
- Closed System
- Password Protected for Web Access

## POWER SUPPLY

100/240 VAC high qualities and worldwide safety approval

## ENVIRONMENT SPECIFICATIONS

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

## PHYSICAL

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

## INTERFACE

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

## LEDS

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

1 year (Factory) – Extended Warranty Available through Top Global.



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1-800-ADD-VALUE [www.cmstelcom.com](http://www.cmstelcom.com)