

## MobilSpot™ Portable Wireless Hotspot (3G/3.5G)

### Product Overview

The LevelOne MobilSpot™ is a multifunction 3G Wireless Router that allows users to access the Internet using a 3G USB or Card Bus modem. Connect and share an Internet connection or create a private network over the LAN ports or the built-in 11b/g wireless access point.

### Mobile Wireless Internet Access

With the freedom to access the Internet **wherever a 3G mobile network is available**, the MobilSpot™ offers true mobility for on-the-go users. This 3G wireless router can be used to connect to any available 3G mobile network around the world. Create a private network and share an Internet connection or network resources at home, in meetings, in the car, in remote areas or public transport or take it on holiday and stay connected wherever mobile network coverage is available.

### Advanced Wireless Security

The MobilSpot™ is 802.11b and 802.11g compliant and also supports Super G data transmission speeds. The router features wireless WEP, WPA-PSK/WPA2-PSK authentication with TKIP/AES encryption as well as **advanced double firewall protection** when connected to the Internet. It also provides port-forwarding, SSID enable/disable, MAC address filtering, VPN pass-through for secured data transmission and other wireless router functions.

### Easy to Configure and Connect

The MobilSpot™ features an easy to use Web-based configuration user interface and utility tool. It supports various connection protocols such as static IP, dynamic IP (DHCP client), dynamic IP with Road Runner Session Management, PPPoE, unnumbered PPPoE, unnumbered PPPoE+NAPT, Multi-Session PPPoE, L2TP, PPTP and 3G to connect to ISPs.

### MobilSpot™ Portable Wireless Hotspot



**WBR-3800**

## Key Features

- Freedom to connect to and share an Internet connection wherever a 3G mobile network is available
- Create a wireless network at home, office or **anywhere there is mobile phone reception**
- 1-port 10/100Mbps Ethernet switch with auto-negotiation and MDI/MDI-X support
- 1-port 10/100Mbps WAN interface to connect to DSL or cable modem for broadband Internet access
- USB and Card Bus Port for 3G modem
- Supports various connection protocols
- 802.11b/g compliant Wireless Access Point
- Features robust double Firewall protection
- Provides WPA-PSK, WPA2-PSK and TKIP/AES Wireless encryption support
- Supports VPN pass-through of PPTP, L2TP and IPSec secured data connections
- Easy set-up and management through Web based user interface

### Technical Specification

#### Network Interface

##### Standard Compliant

IEEE 802.11b/g  
IEEE 802.3/3u

##### Network Connectivity

1-Port USB2.0 connector  
Slot for PCMCIA Card  
1-Port LAN 10/100Mbps, Auto MDIX  
1-Port WAN 10/100Mbps, Auto MDIX  
11b/g Wireless Access Point

##### WAN-Interface and Standards

Static IP, Dynamic IP (DHCP client), dynamic IP with Road Runner Session Management, PPPoE, unnumbered PPPoE, unnumbered PPPoE+NAPT, MultiSession PPPoE, PPPoAL2TP, PPTP, and 3G

##### Network Protocols

TCP/IP

#### Wireless Radio Operation

##### Standards

IEEE 802.11b/g  
MAC/BB: RT2561S (Turbo G)  
RF: RT2527

##### Data Transfer Rates

Up to 54Mbps

##### Operating Frequency

2.4GHz ~ 2.483GHz

##### Output Power

14dBm ~ 17dBm

##### Receiver Sensitivity

-72dBm ~ -86dBm

##### Antenna Type

1x 1.8dBi Fixed Antenna

##### Wireless Range

Indoors: 35 ~ 100m  
Outdoors: 100 ~ 300m

##### Number of Channels

13

##### Modulation System

OFDM/DSSS/BPSK/QPSK/CCK

##### Access Mode

CSMA/CA

##### Security

WEP (64bit/128bit)  
WPA-PSK, WPA/WPA2 Encryption  
TKIP/AES  
MAC Address Filtering  
SSID Enable/Disable

#### Firmware/Software Specification

##### Firewall

DoS  
IDS/IPS  
SPI  
NAT

##### VPN Support

IP Sec, PPTP, L2TP pass-through

##### Access Control

IP/Domain Filtering  
Packet Filtering  
URL Blocking

##### Management and Configuration

Web based configuration  
SNMP  
DHCP Server and Client

##### Protocol Support

DHCP Server  
Proxy DNS Server  
DDNS  
NTP (Network Time Protocol)

##### IP Routing

Cross Segment Static Route  
RIP v11, RIP v2  
ICMP

##### NAT

DMZ Host, One-to-Many NAT, VPN Pass-through, PAT/NAPT, Virtual Computer, Virtual Server

##### Security

MAC Address Filtering, Username/Password login

##### User Interface & Management

UPnP, Browser interface, Email alert, Firmware upgrade, Remote management, SNMP, System log

##### Firmware Upgrade

HTTP upgrade

#### Physical Specifications

##### OS Supported

Windows 95/98/ME/NT/2000/XP  
Linux

##### LED Display

3G/LAN/WAN/WLAN

##### Power Adapter

DC5V / 3A

##### Operating Environment

Operating: 0°C ~ 50°C / 95% Humidity  
Storage: -30°C ~ 60°C / 95% Humidity

##### Dimensions

129mm (W) x 124.3mm (D) x 32mm (H)

##### Certifications

EMI standard  
CE, FCC

### Product Diagram



### Order Information

**WBR-3800:** MobilSpot™ Mobile Wireless Hotspot

### Package Content

- MobilSpot™ Wireless 3G Router
- 1 Cat-5 Ethernet (LAN) cable
- Power Adapter
- Desktop Stand
- Quick Installation Guide
- CD-ROM containing the on-line manual