

802.11g Wireless Broadband Router with QoS

Wireless Broadband Network Access with Advanced QoS and Bandwidth Control

LevelOne is introducing a multi-functional Wireless Broadband Router that provides shared broadband Internet access to LAN users through its 4 port switching hub at 10/100BaseT connection speeds and through its 802.11g, backward compliant with 802.11b, Wireless station.

The newly released WBR-3408 router now incorporates additional advanced features and has been carefully designed to provide greater sophisticated functionality with an easier to use interface.

With added QoS (Quality of Service) functionality, the WBR-3408 Wireless Broadband Router can now be easily deployed within a network where VoIP, Streaming Video and other Multimedia applications require higher bandwidth priority than normal Internet data traffic.

Advanced Functionality

The WBR-3408 provides several important new features that provide improved Internet connectivity. It provides support for Telephony, and Conferencing applications, Interactive Gaming applications and several other Internet communication applications which are often difficult to use when behind a Firewall. Connection ports can now be defined to allow all applications access to the Internet.

It also provides VPN Pass-through support for PPTP, L2TP and IPSec without the need for any additional configuration. The set-up and use of Virtual Servers with DDNS Support has also been made quick and easy, with URL Filtering, Internet Access Logging and LAN Access Control as being additional features.

Secured High-Speed Wireless Internet Access

The WBR-3408 Wireless Broadband router is IEEE802.11g compliant that connects at 54Mbps and backward compatible with the IEEE802.11b (11Mbps) standard. With wireless security a serious issue, LevelOne is now incorporating several important security features.

The WBR-3408 provides support for WEP key sizes of 64 and 128-bit with WPA-PSK and WPA2-PSK support that is more secure than WEP. The Wireless MAC Access Control provides only network access to trusted Wireless devices when they connect to the LAN. The default settings of the WBR-3408 provide an already secured connection, although these settings can be quickly and easily changed to suit the needs of the network.

For additional support, the WBR-3408 monitors and filters all incoming data packets, protecting the LAN network from malicious as well as DoS attacks.



WBR-3408

Key Features

- *High-Speed Wireless Networking*
- *Ideal Solution for Internet Access Sharing*
- *Web-based Configuration and Management*
- *Advanced QoS with Bandwidth Control*
- *WEP 64 /128 bit and WPA/WPA2/PSK Wireless Security*

Technical Specification

Hardware Specification

- **Physical Interface**
WAN: 1x Shield RJ45 for 10/100Mbps Ethernet
LAN: 4x N-way RJ45 10/100 Mbps Ethernet
Factory default reset button
Power Port
Antenna Port
- **Power Requirement**
Input: 4.5V/1.5A
- **Operating Environment**
Operating temperature: 0 ~ 40 °C
Storage temperature: -20 ~ 70 °C
Humidity: 20 ~ 95% non-condensing

Wireless Specification

- **Wireless Compliance**
802.11g- 54Mbps
802.11b- 11Mbps
- **Antenna**
2dBi Detachable Antenna
- **Wireless Encryption**
WEP 64/128-bit encryption
WPA-PSK/WPA2-PSK
- **Access Control**
SSID Broadcast Enable/Disable
Wireless MAC Address List
User Authentication
- **Firmware Upgrade**
Web based (HTTP) upgradeable

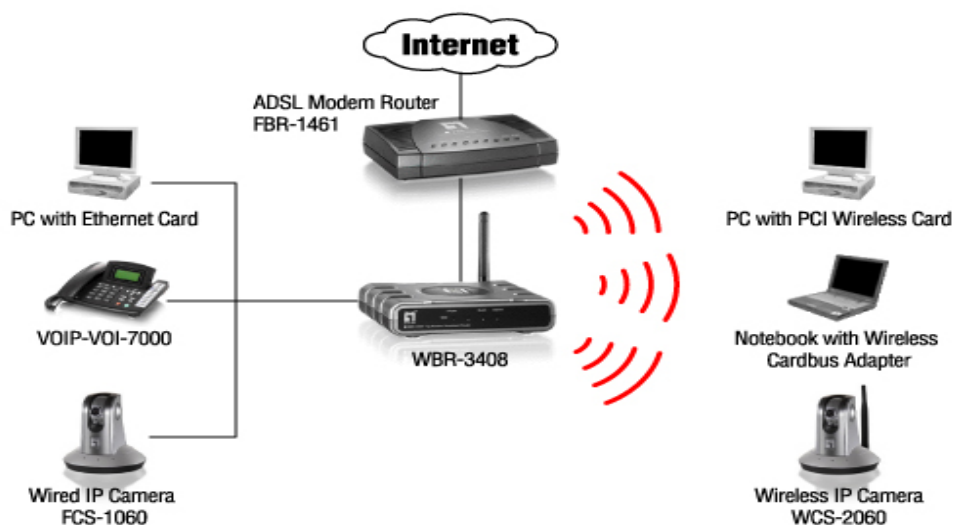
Software Specifications

- **Applications**
Dynamic DNS
UPnP
Virtual Server
Special Internet Applications
DMZ, multi-DMZ
Dial-on-Demand and Auto-disconnect
Authentication with PAP and CHAP for PPPoE+
OoS
- **Protocol Support**
DHCP Client/Server for LAN & WAN
PPPoE
PPTP client for DSL connection
NTP
- **Firewall Security**
NAT
Stateful Inspection
Attack Alert (Email and log)
Denial of Service (SPI)
Access Control
- **VPN Pass Through**
PPTP, L2TP, IPSec
- **Firmware Upgrade**
HTTP, TFTP download or proprietary network protocol download
- **Management**
Web based
Remote Management

Other Features

- Selectable Domain Supported
- Modulation: Direct Sequence Spread Spectrum BPSK / QPSK / CCK / OFDM
- Auto-sensing Open system / Shared key authentication
- Roaming Supported

Product Diagram



Ordering Information

WBR-3408: 802.11g Wireless Broadband Router with QoS