150Mbps Wireless Router

WBR-6004

H/W Version: 1

11n Wireless Technology

The LevelOne WBR-6004 is a wireless router that offers home and office users the latest 802.11n technology at a competitive price. Rated at 150Mbps, users will notice a significant improvement in wireless throughput compared to the previous standard of 802.11g.

Streaming Video and Music for reliable Entertainment

WBR-6004 is the ideal solution for users who enjoy home network flexibility and require a stable performance. Sharing and streaming files with fast and reliable connections, without any lag or latency when listening to music or watching the latest video. The built-in Quality of Service (QoS) engine allows users to select applications with high priority for customized traffic control.

Simple Security and Setup

The built-in Wireless Signal On/Off Button enables users to decide when the wireless internet access is on/off for greater network control. WPA/WPA2 encryption offers ideal protection against unwanted packet sniffing. The WBR-6004 comes with 802.1x RADIUS support for advanced network configuration. Setting up a secure wireless connection is fast and easy with a WiFi Protected Setup Push Button. Simply push the button and the WBR-6004 negotiates the best security encryption with compatible computers on the network.

1. Wireless Signal On/Off button
2. LED Indicators
3. WiFi Protected Setup (WPS) Button
4. Detachable Antenna
5. LAN Interface
6. WAN Interface
7. Power Socket

Key Features

- Compatible with IEEE 802.11n standard and up to 150Mbps data rates
- Auto-Channel Selection to avoid interference from neighbors
- Provides WDS mode to combine separate wireless networks into one
- Wireless signal On / Off button
- Simple wireless security with one-push WPS button
- Advanced firewall and traffic priority features
- Web-based interface for easy configuration, upgrade and management
- Easy step-by-step installation wizard
- 7dBi Antenna for Wider Signal Coverage

Works Well With

WUA-0614
150Mbps Wireless USB Adapter

WUA-0606
150Mbps Wireless USB Adapter

Technical Specification

Standard Compliant

IEEE 802.11n,
IEEE 802.11g, IEEE 802.11b, IEEE 802.11i, IEEE 802.1x
IEEE 802.11e, IEEE 802.3x, IEEE 802.3, IEEE 802.3u

Hardware Specification

LAN-Interface

4x 10/100 Mbps Auto-MDIX RJ-45 Port

WAN-Interface and Standards

1x 10/100 Mbps Auto-MDIX RJ-45 Port

Static-IP Address, Dynamic IP Address (DHCP Client), PPPoE, PPTP, L2TP

Antennas

7dBi detachable antenna

Radio

Wireless Data Transfer Rate

802.11n: 150 ~ 78 Mbps
802.11g: 54 ~ 6 Mbps
802.11b: 11 ~ 1 Mbps

Number of Channels

Ch.1 ~ 11 USA
Ch.1 ~ 13 EU

Operating Frequency

2.4 ~ 2.4835 GHz

Software Specification

Wireless Features

Wireless Signal On / Off Button

Auto Channel Selection

Wireless Security

WEP 64/128-bit Web share key encryption

WPA, WPA2, 802.1x RADIUS support

128-bit TKIP/AES encryption

SSID Broadcast On/Off

WiFi Protect Setup (WPS) Push Button Support

WDS

One-to-Many peer AP (Max : 4 peer APs)

Firewall

DoS Detection
NAT Firewall with SPI mode
Virtual Server, DMZ
Schedule-Based MAC, IP, Domain and URL Filtering
Technical Specification

QoS Support

Port Number and IP Address Traffic Prioritization
802.11e WMM Supported

Other Features

DDNS Supported, UPnP Supported, NTP Time Server,
VPN Pass-Through (PPTP, IPSec, L2TP), Wake on LAN

Management

Quick Installation Wizard and Easy Setup Utility
Web-Based GUI Configuration
Syslog monitoring, Email Alert
Simple SNMP supported

Firmware Upgrade

Web-based (HTTP)

Supported Operating Systems

Windows 2000/XP/Vista/7

Physical Specification

Power Adapter

DC5V/1.2A

Dimensions: (L x W x H)

166mm x 112mm x 30mm

Certifications

CE, FCC

Environment Specification

Operating Temperature

0℃ ~ 40℃ / 85% Humidity

Storage Temperature

-20℃ ~ 70℃ / 95% Humidity

Product Diagram

Internet

Cable/DSL Modem

WBR-6004

Computer

NAS

Wireless USB Adapter

Wireless PCI Card

IP Camera

Order Information	**WBR-6004:** 150Mbps Wireless Router
Package Content	WBR-6004
	Antenna
	Power Adapter
	RJ-45 Ethernet LAN Cable
	Quick Installation Guide
	CD Manual / Utility