



N_Max Wireless Router



WBR-6020

H/W Version: 1

The issue of global warming has become an important part of our everyday lives, therefore LevelOne is proud to present the WBR-6020 N_Max Wireless Router to help you reduce your carbon footprint. The WBR-6020 has four Power-saving functions:

Wireless On/Off Button

The wireless radio is one of the most power intensive components. With a simple push of a button, you can disable the wireless radio when it's not needed.

Low Power Wireless Mode

When there are no wireless devices connected to the WBR-6020, it will automatically only keep one antenna active in low power mode.

Active Link Detection

The WBR-6020 can tell if there is any activity on each individual LAN port. If there are only 2 active devices

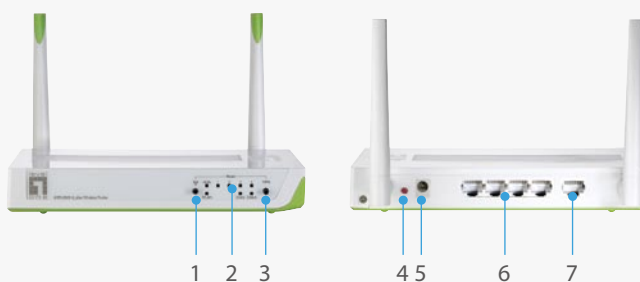
connected to the WBR-6020 LAN ports, then the remaining 2 LAN ports will be powered down.

Scheduled Sleep

Typically, your wireless router will only be used while you are working. You can set the times that the router will automatically sleep and wake, so that it can also rest while you are sleeping.

On top of the Power-saving features, the WBR-6020 will also use over 80% recycled packaging materials and have an Energy Efficient power adapter.

* Network speeds vary according to network equipment, network set-up and environmental influencing factors. For best performance, use LevelOne Wireless Network Adapters.



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

Key Features

- 2 antennas with 2T/3R MIMO Technology for wireless data rates of up to 300Mbps
- Environmentally Friendly with Smart Power-Saving Features
- Simple Security Control with One-Button WPS Protection
- Integrated Firewall and Quality of Service to Manage Your Traffic
- Quick and Easy Installation Wizard

Works Well With



WUA-0615
N_Max Wireless USB Adapter



WCS-0010
11g Wireless Network Camera



Technical Specification

Power Saving

Active Link Detection for LAN Ports

Low Power Wireless Mode

Smart Scheduled Sleep Mode

WiFi Disable Button

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

Connection Scheme

Auto Connect-on-Demand/Auto-Disconnect

Auto Reconnect, Manually Connect/Disconnect

Wireless Data Transfer Rate

802.11n: 300 ~ 78 Mbps (20/40Mhz)

802.11g: 54 ~ 6 Mbps

802.11b: 11 ~ 1 Mbps

Concurrent NAT Session

Current Session up to 20K

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

Access Point Modes

WDS - One-to-Many Peer APs (Max : 4)

AP Client

Number of Channels

Ch.1 ~ 11 USA

Ch.1 ~ 13 EU, Japan

Operating Frequency

2.4 ~ 2.4835 GHz

Antennas

2x 2dBi Removable and 1x 2dBi Internal Antennas

Firewall

DoS Detection

NAT Firewall with SPI mode

Virtual Server, DMZ

Schedule-Based MAC, IP, Domain and URL Filtering

QoS Support

User Friendly Quality of Service Interface

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)

Management

Quick Installation Wizard and Easy Setup Utility

Web-Based GUI Configuration

Syslog Monitoring, Email Alert

SNMP Supported

Firmware Upgrade

Web-based (HTTP)

Supported Operating Systems

Windows 2000/XP/Vista/Mac OSX/Linux

Power Adapter

DC5V / 2A

Operating Temperature

0°C ~ 40°C / 85% Humidity

Storage Temperature

-20°C ~ 70°C / 95% Humidity

Dimensions: (L x W x H)

187mm x 112mm x 29mm

Certifications

CE, FCC

Standard Compliant

IEEE 802.11n specification,

IEEE 802.11g, IEEE 802.11b, IEEE 802.11i,

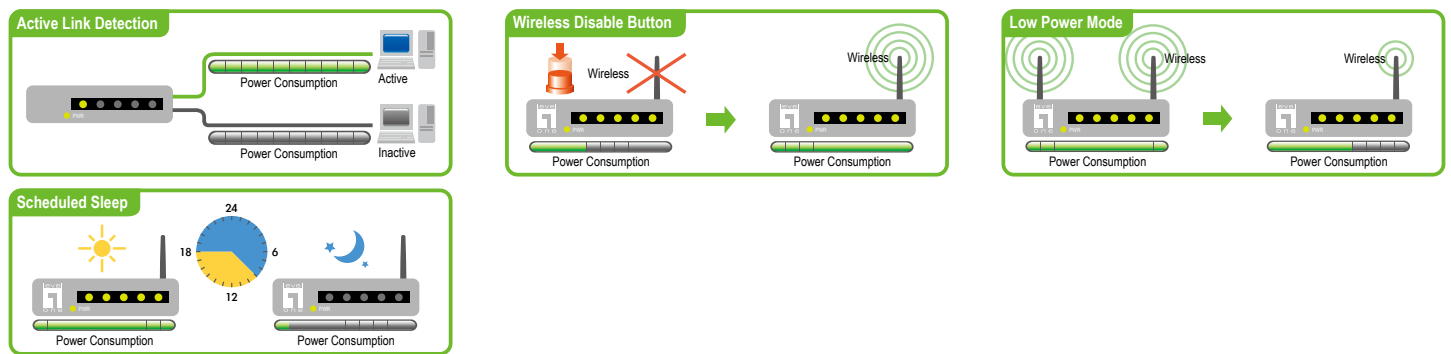
IEEE 802.1x, IEEE 802.11e, IEEE 802.3x, IEEE 802.3,

IEEE 802.3u

Product Diagram



Power Saving by



Order Information

WBR-6020: *N_Max* Wireless Router

Package Content

- WBR-6020
- Power Adapter
- Antenna x2
- RJ45 Ethernet LAN Cable
- Quick Installation Guide
- CD Manual / Utility

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