level ® one

300Mbps Wireless Starter Kit
N_Max Wireless Broadband
Router and USB Adapter

WSK-3000

H/W Version: 1

Starter Kit

WSK-3000 includes both a Wireless N router and a Wireless *N* USB adapter, bringing top-quality wireless technology to all corners of your home. Use it for home internet surfing, wireless surveillance, as well as sharing and creating a powerful local network of notebooks and computers.

Fast Wireless Speeds

The LevelOne *N_Max* Wireless Starter Kit brings the fastest wireless speeds to your computer. Using the latest 802.11n technology, you enjoy top performance for gaming, multi-media streaming, digital home surveillance and VoIP.

Quality of Service (QoS)

This feature allows you to configure your devices to prioritize traffic. You can choose which media receives the "green light" in the superhighway. If you need a dedicated VoIP connection to remain at the top of the traffic signals, QoS is perfect for you. Also works well for gaming and surveillance streams.

Wi-Fi Protected Setup

Do you have problems setting up your wireless security?

Fear no more because the *N_Max* Wireless Starter Kit comes with built-in Wi-Fi Protected Setup (WPS). By simply clicking the WPS button, you're able to setup a secure wireless connection between your router and USB adapter. And with WPA, WPA2 and WEP settings, you'll find the network security that is right for you.

1. LED Indicators
2. WPS Button
3. LAN Interface
4. WAN Interface
5. Reset Button
6. Power Port
7. LED Indicator

1   2   3   4 5 6   7

Key Features

- 2 antennas with 2T/2R MIMO Technology for wireless data rates of up to 300Mbps
- At speeds of 300Mbps*, enjoy the fastest Wireless *N* throughput; true compatibility
- Easy to use configuration wizard
- WPA, WPA2, WEP encryption and other advanced network security features
- WPS Push Button: Secure both devices with the simple push of a button
- Control your bandwidth with Quality of Service (QoS)
- 4-port Ethernet and 1-port WAN
- Backward compliant with 11b and 11g wireless standards

Works Well With

WNC-0601
300Mbps *N_Max* Wireless PCI Card

WCS-0010
Wireless Network Camera

*Theoretical throughput, actual performance depends on equipment and network conditions.

Technical Specification

Router (WBR-6010)

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

Number of Channels
Ch.1 ~ 11 USA
Ch.1 ~ 13 EU, Japan

Operating Frequency
2.4 ~ 2.4835 GHz

Antennas
2x 2dBi Fixed Antennas

Wireless Security
WEP 64/128-bit Web share key encryption
WPA-PSK, WPA2-PSK
128-bit TKIP/AES encryption
SSID Broadcast On/Off
WiFi Protect Setup (WPS) Push Button Support

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

Firewall
DoS Detection
NAT Firewall with SPI mode
Virtual Server
DMZ
Schedule-Based URL Filtering

QoS Support
User Friendly Quality of Service Interface
802.11e WMM Supported

Other Features
DDNS Supported, UPnP Supported, NTP Time Server, VPN (PPTP,
IPSec, L2TP) Pass-Through

Event Logging
Syslog supported, Email Alert

Firmware Upgrade
Web-based (HTTP)

Operating Systems
Windows 2000/XP/Vista/Mac OSX/Linux

Power Adapter
DC12V / 1A

Operating Temperature
0°C ~ 40°C / 85% Humidity

Storage Temperature
-20°C ~ 70°C / 85% Humidity

Dimensions
175mm(L) x 141mm(W) x 30mm(H)

Certifications
CE, FCC

Standard Compliant
IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
IEEE 802.11e, IEEE802.3x, IEEE 802.3u

USB (WUA-0601)

USB Port Type
USB 2.0 Connection

Data Transfer Rate
802.11n: 300 ~ 78 Mbps (20/40Mhz)
802.11g: 54 ~ 6 Mbps
802.11b: 11 ~ 1 Mbps

Number of Channels
Ch.1 ~ 11 USA
Ch.1 ~ 13 EU, Japan

Operating Frequency
2.4 ~ 2.4835 GHz

Antenna
2x 2dbi Internal

Transmitter Power:
802.11n: 16.5±1 dBm
802.11g: 13.5±1 dBm
802.11b: 17±1 dBm

Media Access Protocol
CSMA/CA

Wireless Security
WEP 64/128-bit Web share key encryption
WPA-PSK, WPA2-PSK, 802.1x RADIUS support
128-bit TKIP/AES encryption
SSID Broadcast On/Off
WiFi Protect Setup (WPS)- Software support

Operating Systems
Windows 2000/XP/Vista

Device Management
Windows Utility Software

Power Requirement
5V±5%

Operating Temperature
0°C ~ 55°C / 85% Humidity
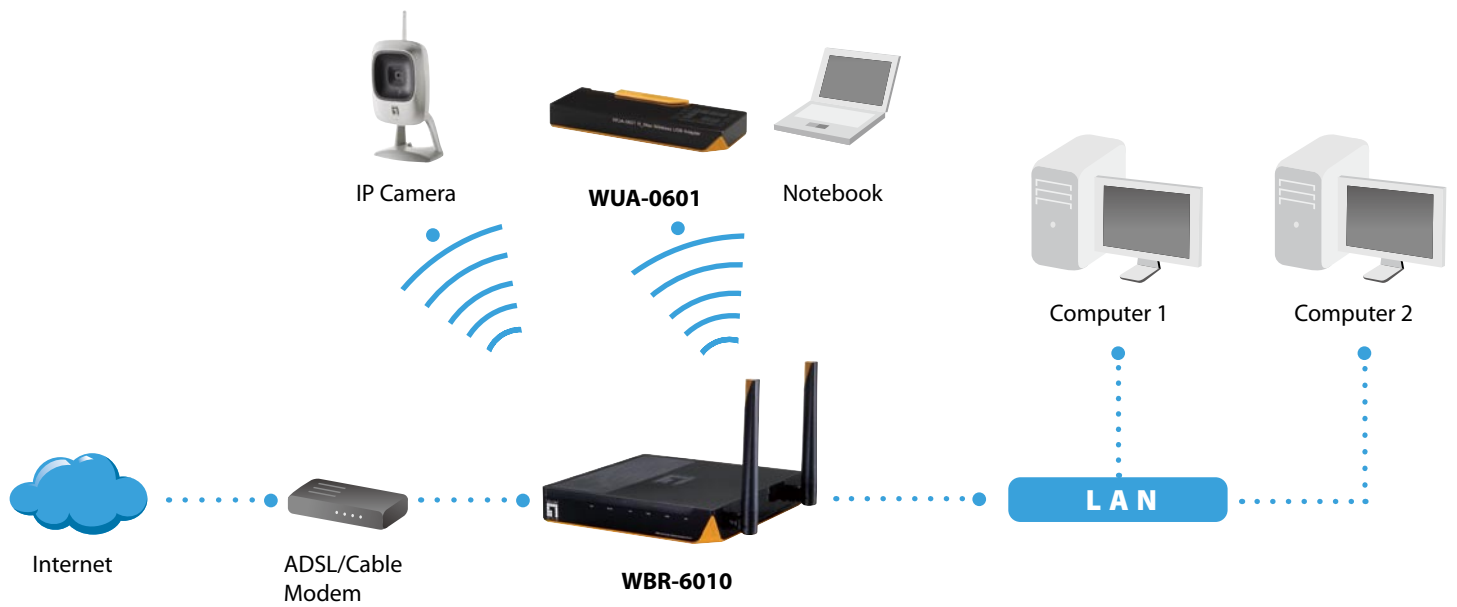
Dimensions
96mm (L) x 40mm (W) x 13mm (H)

Certifications
CE, FCC

Standard Compliant
IEEE 802.11n, IEEE 802.11g, IEEE 802.11b,   IEEE 802.1x, IEEE
802.11e

Product Diagram

IP Camera   **WUA-0601**   Notebook

Computer 1   Computer 2

WBR-6010

Internet

ADSL/Cable Modem

L A N

Order Information   **WSK-3000:** 300Mbps *N_Max* Wireless Starter Kit

Package Content

Router (WBR-6010)
USB Adapter (WUA-0601)
RJ45 Ethernet LAN Cable
Power Adapter
Router Stand
Quick Installation Guide
CD Manual / Utilities