



N_Max Wireless Access Point



WAP-6010

H/W Version: 1

Ultimate Wireless Performance

With speeds up to 300 Mbps, LevelOne's N_Max Wireless Access Point offers big improvements compared to legacy 11g devices. For users that require top speeds for internet surfing, video, and large file transfers, all at the same time, the WAP-6010 handles simultaneous wireless traffic easily and efficiently.

Multiple-In Multiple-Out (MIMO)

N_Max MIMO technology means wireless signals are transmitted at extended distances and with absolutely no dead spots. This provides for strong wireless signals in all corners of the home or office without interference from walls or other obstructions.

Multiple Operation Modes

WAP-6010 is a feature-rich 11n access point that supports AP, AP client, WDS, and Repeater

modes for customized wireless deployments. In WDS mode, WAP-6010 acts as a wireless bridge to connect to separate wireless networks into one. This provides more users with greater access to network resources. In Repeater mode, WAP-6010 allows extended coverage and greater signal strength for greatly improved distance coverage of the Wireless network (WLAN).

Robust Push-Button Wireless Security

WAP-6010 provides WEP and WPA/WPA2 for secure wireless networking. By simply pushing a button, users can setup their wireless network security to prevent access by unauthorized users.



1. LED Indicators
2. WPS Button
3. LAN Interface
4. Power Port
5. Reset Button

Key Features

- Complies with the IEEE 802.11b/g and IEEE802.11n standards on the 2.4 GHz frequency
- Hardware push button for Wi-Fi Protected Setup(WPS)
- Supports AP/AP Client/WDS/Repeater Modes
- Supports WEP, WPA, WPA2 and IEEE 802.11x for high level security
- Supports SNMP v1/v2c
- Supports WMM to enhance user performance and density

Works Well With



WUA-0615
N_Max Wireless USB Adapter with WPS



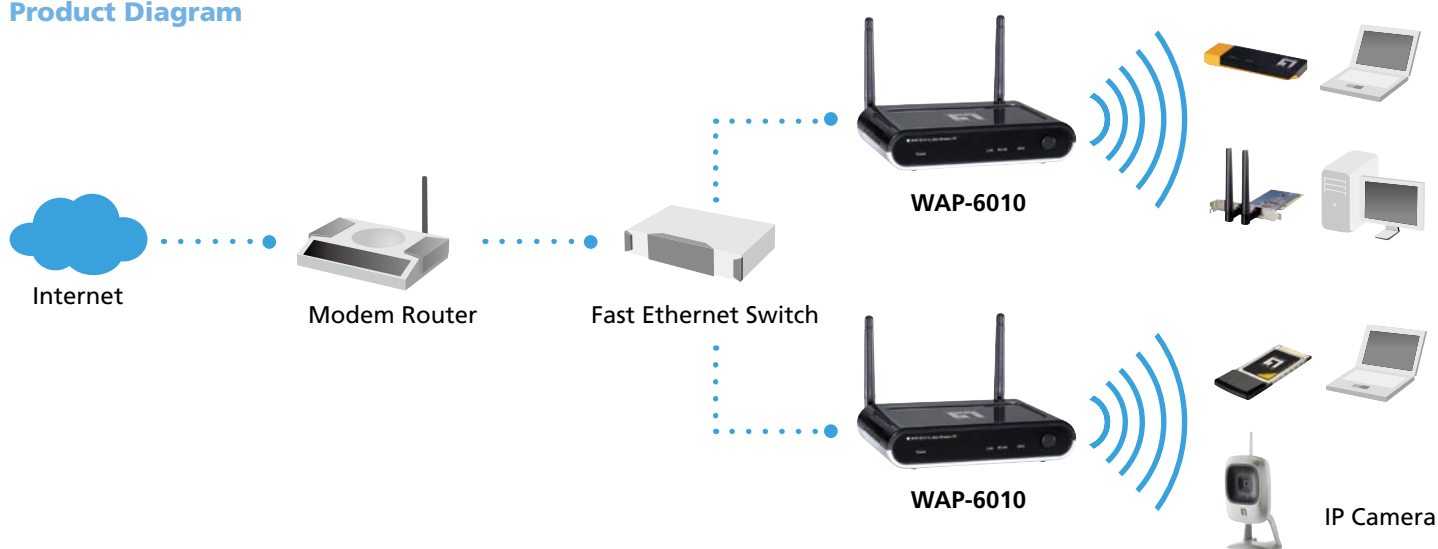
WPC-0601
N_Max Wireless Cardbus Adapter

Technical Specification

Standards
IEEE 802.11n Draft 2.0, IEEE 802.11g, IEEE 802.11b
Network Interface
1x10/100Mbps LAN
Radio Operation
Data Transfer Rate
802.11n: up to 300Mbps
802.11g: up to 54Mbps
802.11b: up to 11Mbps
Modulation
Draft 802.11n: BPSK, QPSK, 16-QAM, 64-QAM
802.11g: OFDM
802.11b: CCK, QPSK, BPSK
Media Access Control
CSMA/CA with ACK
Frequency Band
2.4GHz ~ 2.4835GHz
Number of Channels
Channel 1~11 North America
Channel 1~13 Europe, Japan
Antenna
2 x 2dBi external detachable dipole
Receiver Sensitivity(Typical)
802.11n: -66±2dBm @ 300Mbps
802.11g: -74dBm±2dBm @ 54Mbps
802.11b: -89dBm±2dBm @ 11Mbps
Transmitter Output Power(Typical)
802.11n: 14±1dBm
802.11g: 14±1dBm
802.11b: 17dBm
Operation Mode
- AP mode
- WDS
- AP Client mode
- Repeater mode

Network Security
- WEP-64/128 bit
- WPA
- WPA-PSK
- WPA2
- WPA2-PSK
- 802.1x w/ Radius
- Disable SSID Broadcast
- MAC address filtering
Management
- Web-based configuration
- OS Supported: Windows 2000/XP/Vista
- SNMP v1/v2c
Other Features
- Supports Multiple SSID (up to 4 SSIDs)
- Supports WMM
Physical Specifications
LED
- Power
- LAN
- WLAN
- WPS
Power Adapter
DC 12V, 1A
WPS Button
Temperature
Operating: 0 ~ 60°C
Storage: -20 ~ 80°C
Humidity
10% ~ 90% (Non-condensing)
Dimensions
146mm (L) x 101.5mm (W) x 33.5mm (H)
Certifications
CE,FCC

Product Diagram



Order Information WAP-6010: N_Max Wireless Access Point

Package Content WAP-6010, Power Adapter, Antenna x 2, LAN Cable, Quick Installation Guide, CD Manual