300Mbps *N_Max* Wireless Access Point

WAP-6010

H/W Version: 1

Ultimate Wireless Performance

With speeds up to 300Mbps, 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).

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

1   2   3   4   5

Key Features

- 2 antennas with 2T/2R MIMO Technology for wireless data rates of up to 300Mbps
- 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 802.1x for high level security
- Supports SNMP v1/v2c
- Supports WMM to enhance user performance and density

Works Well With

WUA-0615
300Mbps *N_Max* Wireless USB Adapter with WPS

WPC-0601
300Mbps *N_Max* Wireless Cardbus Adapter

Technical Specification

Standards
IEEE 802.11n, 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
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
- AP Client Mode
- Bridge Mode
- WDS 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℃
Storage: -20 ~ 80℃
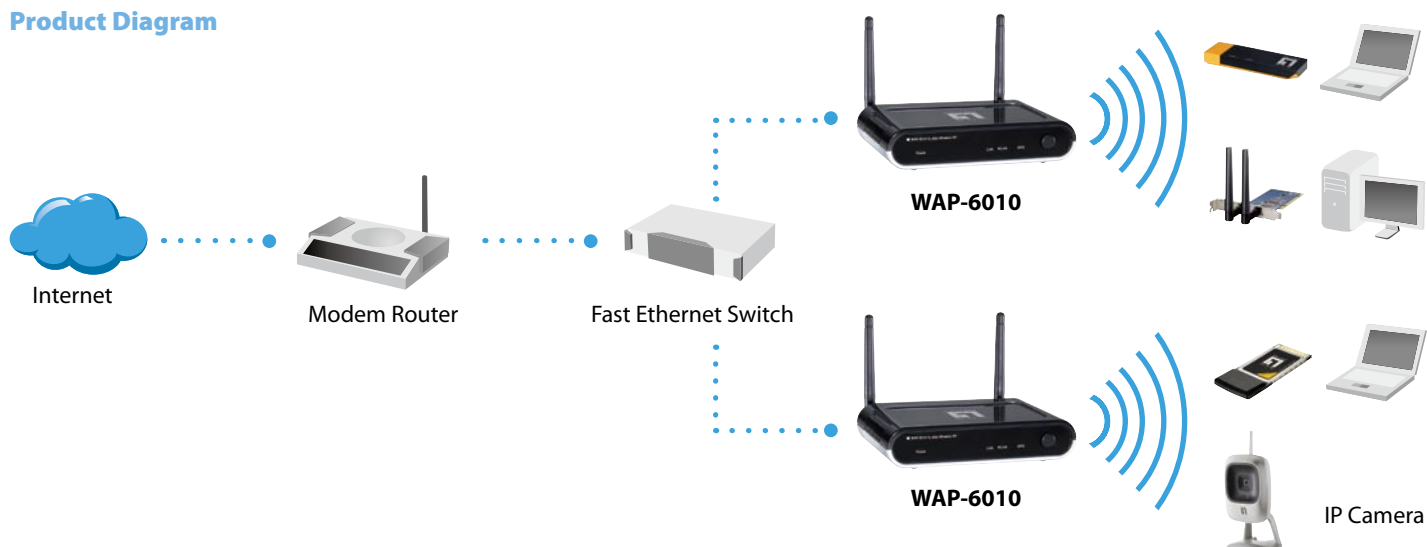
Humidity
10% ~ 90% (Non-condensing)

Dimensions
146mm (L) x 101.5mm (W) x 33.5mm (H)
Wall Mount Back

Certifications
CE,FCC

Product Diagram

Internet — Modem Router — Fast Ethernet Switch — **WAP-6010** — **WAP-6010** — IP Camera

Order Information　　　　**WAP-6010:** 300Mbps *N_Max* Wireless Access Point

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