



150Mbps Wireless Access Point



WAP-6003

H/W Version: 1

11n Wireless Technology

The LevelOne WAP-6003 is a wireless access point that offers home and office users the latest 802.11n technology at a competitive price. Rated at 150 Mbps, users will notice a significant improvement in wireless throughput compared to the older standard of 11g.

Ultimate Wireless Performance

With speeds up to 150Mbps, LevelOne 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-6003 handles simultaneous wireless traffic easily and efficiently.

Multiple Operation Modes

WAP-6003 is a feature-rich 11n access point that supports AP, client, Bridge, and Repeater modes for customized wireless deployments. In Bridge mode, WAP-6003 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-6003 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. Reset Button
5. Power Port
6. Wall-Mount Design

Key Features

- Share your wireless network up to 150Mbps
- Multiple Operation Modes can easily deployment your wireless environment
- Repeater function can easily extend signal coverage of your wireless network
- Supports Multi-SSID (Up to 2 SSIDs)
- Master/Guest SSID separation can secure your private network
- Auto Channel Selection for low interference band
- QoS control for traffic prioritization and bandwidth management
- Establish secured Wireless Connection WEP, WPA-PSK / WPA2-PSK options.
- Simple wireless security with WPS push button

Works Well With



WUA-0614
150Mbps Wireless USB Adapter



WNC-0610
300Mbps Wireless PCI Card

Technical Specification

Standard Compliant

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

Hardware Specification

LAN-Interface

5x 10/100 Mbps Auto-MDIX RJ-45 Port

Antennas

1x 2dBi fix dipole antenna (5dbi option available)

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 Button Support
Master/Guest SSID separation
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 / WebUI
WPS setup with PBC/PIN Support

Operation modes

AP mode
The AP will act as a central hotspot allows wireless devices to connect to wireless network
Client mode
Act as a wireless card to connect with remote AP/router
WDS Bridge
Connect to your local LAN with remote LAN wirelessly
Support 2 kinds of connect methods:
Point to point
Point to multi-points (Max: 2 peer APs)
Universal Repeater
It can extend the wireless signal of remote AP/router. It works as AP and wireless client Simultaneously
WDS repeater
It can extend the wireless signal of remote AP/router which have WDS function. It works as AP and WDS Bridge simultaneously

QoS Support

802.11e WMM Supported

Management

Quick Installation Wizard
Web-Based GUI Configuration
Syslog monitoring
SNMP V1/V2c supported

Firmware Upgrade

Web-based (HTTP)

Supported Operating Systems

Windows 2000/XP/Vista/7

Physical Specification

Power Adapter

DC5V / 1A

Dimensions: (L x W x H)

185mm x 119mm x 32mm

Certifications

CE, FCC

Environment Specification

Operating Temperature

Temperature: 0°C ~ 40°C, Humidity: 10~85% non-condensing

Storage Temperature

Temperature: -20°C ~ 70°C, Humidity: 0~95% non-condensing

Product Diagram

— Ethernet Cable (RJ 45)



Order Information

WAP-6003: 150Mbps Wireless Access Point

Package Content

WAP-6003
Power Adapter
RJ-45 Ethernet LAN Cable
Quick Installation Guide
CD Manual / QIG
Antenna

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