

# 150Mbps Wireless Access Point

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.



WAP-6003

# **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 Port6. 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**

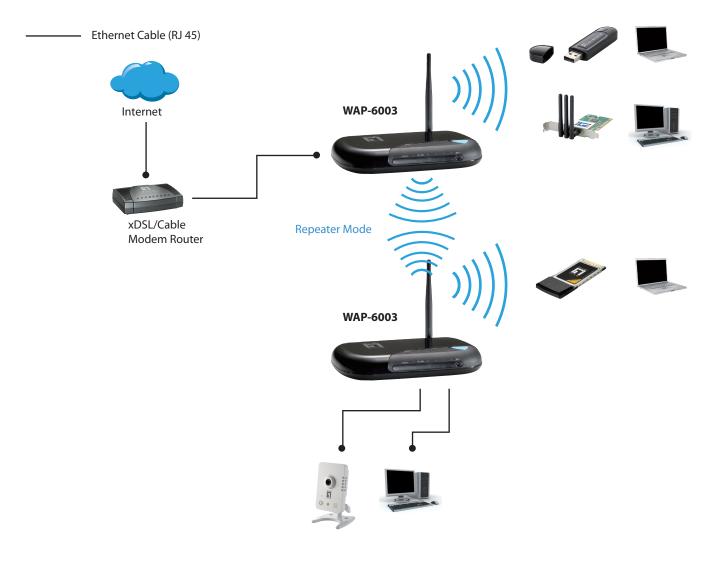
# **Operating Temperature**

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

## **Storage Temperature**

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

# **Product Diagram**



**Order Information WAP-6003:** 150Mbps Wireless Access Point

Package Content WA

WAP-6003

Power Adapter

RJ-45 Ethernet LAN Cable Quick Installation Guide

CD Manual / QIG

Antenna