



Wireless Access Point, 300Mbps 802.11b/g/n, Detachable Antenna

The LevelOne WAP-6013 is a wireless access point that offers home and office users 802.11n technology at a competitive price. With wireless speeds of up to 300 Mbps, it offers big improvements on legacy 11g devices for users who want to surf the net, stream videos and conduct large file transfers all at the same time. Supports AP, client, WDS, and Repeater modes for customized wireless deployments. In WDS mode, WAP-6013 acts as a wireless bridge/Access Point hybrid for connecting to two separate wireless networks simultaneously. This provides greater access to network resources for more users. In Repeater mode, it allows extended coverage and greater signal strength for greatly improved wireless network (WLAN) range. The WAP-6013 handles simultaneous wireless traffic easily and efficiently.



Key Features

- Share your wireless network up to 300Mbps
- Compatible with IEEE 802.11b/g/n wireless standards
- Provides flexibility of 5x 10/100BASE-TX ports
- Multi-operation modes to suit different wireless applications
- Enlarge wireless network coverage through WDS technology
- Provides up to 2 SSIDs to separate network traffic and enhance security
- Auto Channel Selection for low interference band
- Effortless wireless security with a simple push of the WPS button
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Supports WEP, WPA and WPA2 encryption with IEEE 802.1X for high level security

Specifications

System Specifications

Connectors and Cabling:

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

Button:

WPS Button; Reset Button

Indicator:

Status, WAN, LAN

Power:

DC5V / 1A

Standards & Protocols:

IEEE 802.3 10-BASE-T, Ethernet

IEEE 802.3u 100-BASE-TX, Fast Ethernet

IEEE 802.11e Wi-Fi Multimedia (WMM)

IEEE 802.1X Port-based Network Access Control (PNAC)

IEEE 802.3x Ethernet Flow Control

IEEE 802.11i Wi-Fi Protected Access (WPA2)

IEEE 802.11b, IEEE 802.11g, IEEE 802.11n Wireless Networking

Wireless

Operating Mode:

AP/Client/WDS (point-to-point/multi-point, max. 2 peer APs) /WDS Hybrid/Universal Repeater

Encryption:

WEP 64/128-bit Web share key encryption

WPA, WPA2 128-bit TKIP/AES encryption

WPA, WPA2-PSK TKIP/AES encryption

Receive Sensitivity(dBm):

802.11n (20MHZ): Range (-72 ~ -87) dBm

802.11n (40MHZ): Range (-68 ~ -87) dBm

802.11g : Range (-72 ~ -91) dBm Error Rate = 10% at room temperature.

802.11b: Range (-89 ~ -91) dBm Error Rate = 8% at room temperature.

Channel:

Ch.1 ~ 11 USA

Ch.1 ~ 13 EU

EIRP(dBm):

802.11n: 14dBm $\pm$ 1dBm

802.11g: 14dBm $\pm$ 1dBm

802.11b: 17dBm $\pm$ 1dBm

Antenna:

2x 2dBi Detachable Dipole Antenna

Frequency Band (GHz):

2.4 ~ 2.4835 GHz

Data Transfer Rate:

802.11n: 300 ~ 78 Mbps

802.11g: 54 ~ 6 Mbps

802.11b: 11 ~ 1 Mbps

Features

General:

Auto Channel Selection

WPS setup with PBC/PIN Support

Multi-SSID: 2 SSIDs

Security:

802.1x RADIUS support

Wi-Fi Protect Setup (WPS) Push Button

SSID Broadcast On/Off

Management:

Web-Based GUI Configuration

Syslog monitoring

SNMP V1/V2c supported

QoS:

802.11e WMM Supported

Ease of Use:

Web-based GUI with Quick Installation Wizard

Web-based (HTTP) firmware upgrade

Environment

Temperature (°C):

Operating: 0°C ~ 40°C

Storage: -20°C ~ 70°C

Humidity (Non-condensing):

Storage: 0 ~ 95%

Operating: 10 ~ 85%

Physical Specifications

Dimensions (W x D x H mm):

185 x 119 x 32mm

Weight (g):

238g

Others

Approval and Compliance:

CE, FCC, NCC

Deployment:

Desktop, wall-mounted

Diagram





AP Client Mode



WDS Mode



WDS Hybrid Mode





Order Information

WAP-6013

Package Contents

WAP-6013
Power Adapter
Antenna (x2)
RJ45 Ethernet Cable
Quick Installation Guide
Resource CD (User Manual, QIG)



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