



WAP-6110 Version: 1

300Mbps Wireless PoE Access Point

The LevelOne WAP-6110 is a wireless PoE access point that offers home and office users 802.11n technology at a competitive price. With wireless speeds of up to 300Mbps, 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. It also features PoE capability for easy deployment within a PoE enabled network.

For standard operations, the WAP-6110 connects to a LAN, broadband ADSL router or network switch and provides instant network access to connected wireless clients. Supports AP, client, WDS, and Repeater modes for customized wireless deployments.

In WDS mode, WAP-6110 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-6110 handles simultaneous wireless traffic easily and efficiently.



1. LED Indicators
2. WPS Button
3. PoE LAN Interface



4. Power Port
5. Power On/Off Button

Key Features

- Share your wireless network up to 300Mbps
- Compatible with IEEE 802.11b/g/n wireless standards



- Multi-operation modes to suite different wireless applications
- IEEE 802.3af PoE compliant to simplify deployment and installation
- Provides up to 4 SSIDs to separate network traffic and enhance security
- Enlarge wireless network coverage through WDS technology
- 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:

1x 10/100Base-TX PoE Port

Button:

WPS button, reset button, power on/off

Indicator:

Power, WLAN, WPS, LAN

Power:

Power over Ethernet (IEEE802.3af) 48 VDC

Power supply DC12V / 0.5A

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

IEEE 802.3 af Power over Ethernet

Physical Specifications

Dimensions (W x D x H mm):

140 x 107 x 28 mm

Weight (g):

228 g

Wireless

Operating Mode:

AP, Client, WDS (point-to-point/multi-point, max. 4 peer APs), WDS + AP and WISP

Encryption:

WEP 64/128-bit Web share key encryption

WPA, WPA2 128-bit TKIP/AES encryption

WPA, WPA2-PSK TKIP/AES encryption

802.1x RADIUS support

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

Antenna:

2x 3dBi Detachable Dipole Antenna (5dBi option available)

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

Others:

Auto Channel Selection

Multi-SSID: 4 SSIDs

WPS setup with PBC/PIN Support

Wi-Fi Protect Setup (WPS) Push Button

SSID Broadcast On/Off

Features

Management:

SSID Broadcast On/Off

Syslog monitoring

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%

Others

Approval and Compliance:

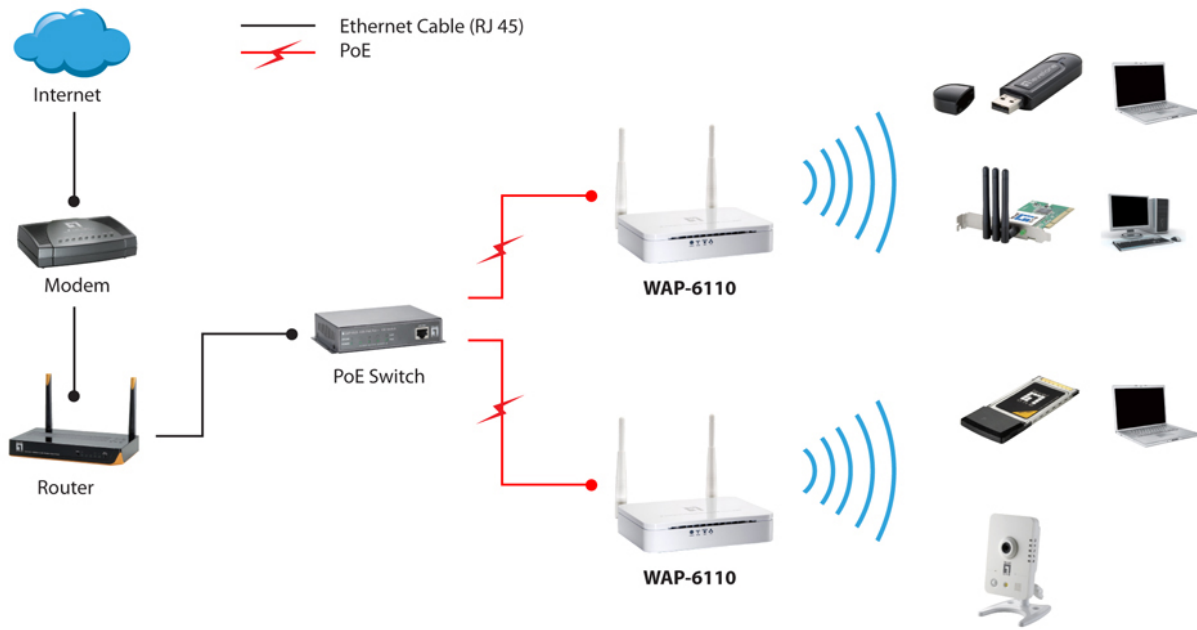
CE

Deployment:

Desktop, wall-mounted



Diagram



Order Information

WAP-6110

Package Contents

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