WAP-6110 □□□□ □□: 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-6110nhandles 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

- □□ □□□□□ □□ 300Mbps□ □□
- IEEE 802.11b/g/n □□ □□□ □□ □□

- Multi-operation modes to suite different wireless applications
- 배치 및 설치를 간편화하기 위해 IEEE 802.3af PoE 준수
- 네트워크 트래픽을 분리하고 보안을 개선하기 위해 최대 4대의 4 SSID 제공
- WDS 기술에 의해 무선 네트워크 사용 범위 확장
- 낮은 간섭 대역폭에 대한 자동 채널 선택
- WPS 푸시버튼을 사용한 간단한 무선 보안
- 신뢰성 있는 데이터 전송을 위해 IEEE 802.3x 플로우 제어가 패킷 손실을 방지
- 보안 레벨이 높은 IEEE 802.1X를 사용한 WEP, WPA 및 WPA2 암호화 지원

제품□양

System Specifications

Connectors and Cabling:
1x 10/100 Mbps Base-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

Features

General:
Auto Channel Selection
Multi-SSID: 4 SSIDs
WPS setup with PBC/PIN Support

Security:
SSID Broadcast On/Off

Management:
Syslog monitoring

QoS:
802.11e WMM Supported

Ease of Use:
Web-based GUI with Quick Installation Wizard
Web-based (HTTP) firmware upgrade

Environment

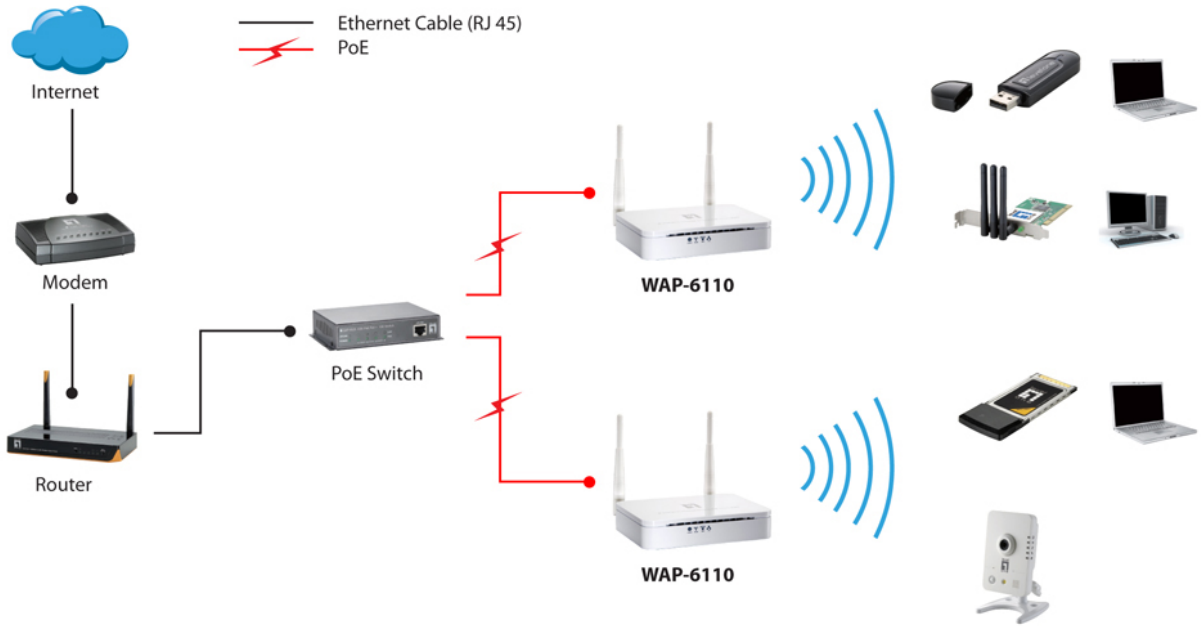
Temperature (°C):
Operating: 0°C ~ 40°C,
Storage: -20°C ~ 70°C

Humidity (Non-condensing):
Storage: 0 ~ 95%
Operating: 10 ~ 85%

Others

Approval and Compliance:
CE

Deployment:
Desktop, wall-mounted



Order Information

WAP-6110

Package Contents

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

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