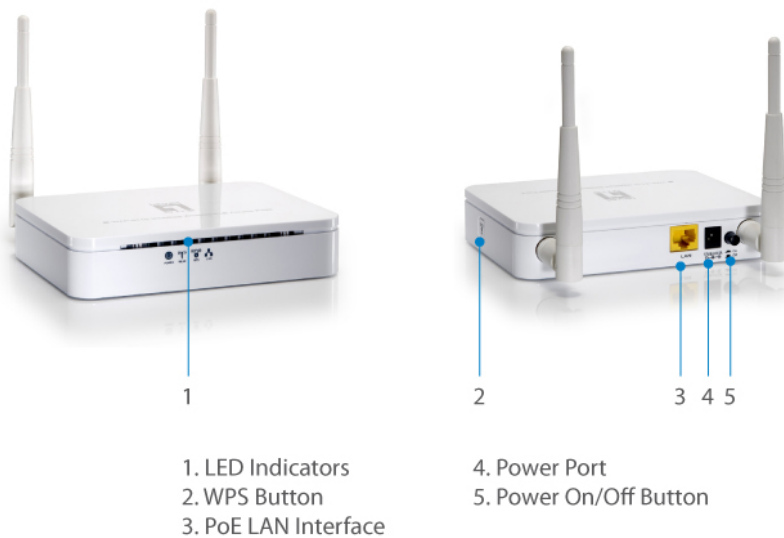WAP-6110 Version: 1

ⓘ **Power supply unit is to be ordered separately.**

N300 PoE Wireless Access Point, Desktop

The LevelOne WAP-6110 wireless access point is a simple, fast and secure wireless access point, designed for reliable and cost-effective networking. Working on the 2.4GHz frequency, the 802.11n access point is capable of 300 Mbps wireless internet speeds. The device runs on PoE, negating the need for a separate power supply making it a flexible , sensible choice for home or small-office use.

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 suit 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

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

Port:
1x 10/100 Mbps Base-TX PoE Port

Button/Knob:
WPS Button, Reset button, power on/off

Indicator:
Power, WLAN, WPS, LAN

Power Input:
Input : 12VDC / 0.5A (Power Adapter) , PoE (IEEE 802.3af) 48 VDC
Power consumption : 3W

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:
802.11b/g/n (20MHZ): Ch.1 ~ 13
802.11n   (40MHZ): Ch.1 ~ 9

EIRP(dBm):
802.11b: 19.88dBm
802.11g: 18.88dBm
802.11n (20MHZ): 16.75dBm
802.11n (40MHZ): 16.79dBm

Antenna:
2x 3dBi Detachable Dipole Antenna

Frequency Band:
802.11b/g/n (20MHZ): 2.412 ~ 2.472 GHz
802.11n   (40MHZ): 2.422 ~ 2.462 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%

Installation:
Desktop, wall-mounted

Physical Specifications

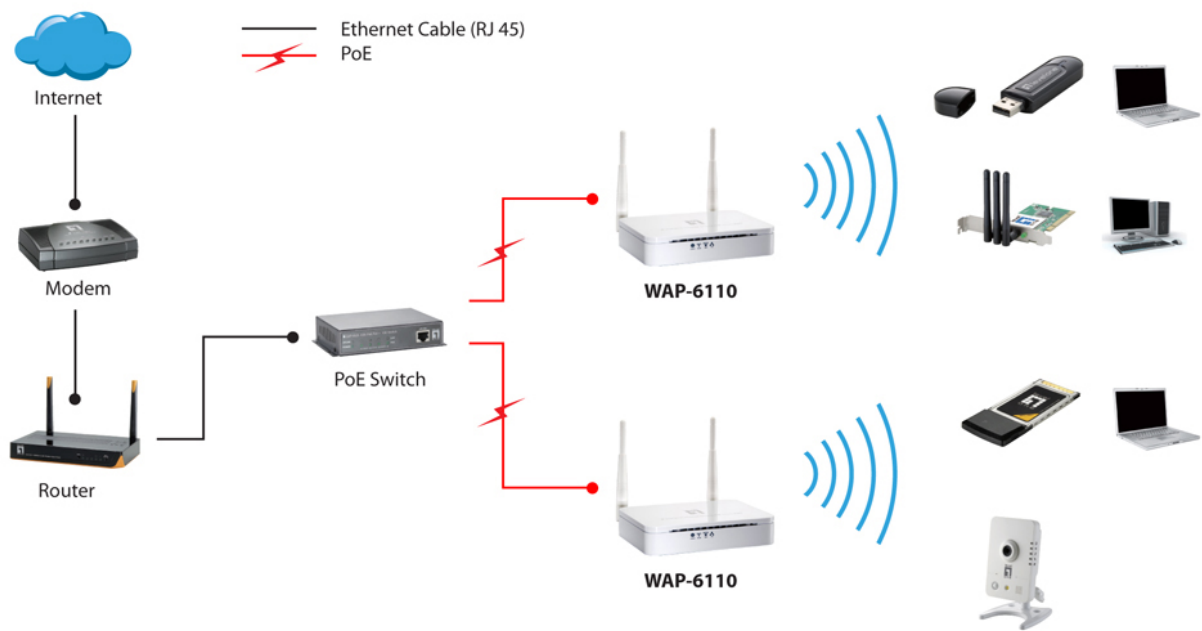Dimensions (W x D x H mm):
140 x 107 x 28 mm

Weight (g):
228 g

Approval and Compliance

EMI/EMS:
CE, RoHS

Diagram

Order Information

WAP-6110

Package Contents

WAP-6110
Power Adapter
Antenna (x2)
RJ45 Network Cable
Quick Installation Guide
Resource CD (User Manual)