



WAP-6121 Version: 1

N300 PoE Wireless Access Point, Ceiling Mount, Controller Managed

The LevelOne WAP-6121 is a high performance wireless access point designed for mounting on a ceiling. Featuring PoE, the clever and stylish AP includes embedded antennas allowing for a high position, low-profile deployment without sacrificing wireless performance. allows central management by the wireless controllers designed by LevelOne technologies. A captive portal provides one convenient location for authentication of WEP, WPA-PSK, WPA-TKIP, WPA2 AES for secure authentication. The device supports up to Multi SSIDs allowing the user to assign different configuration settings to each one, which will ensure the safety of each SSID in different service zones.



Key Features

- Share your wireless network up to 300Mbps
- Compatible with IEEE 802.11b/g/n wireless standards
- Supports WEP, WPA and WPA2 encryption with IEEE 802.1X for high level security
- Multi-operation modes to suit different wireless applications
- IEEE 802.3af PoE compliant to simplify deployment and installation

Compatible With



WAC-2000
Gigabit Wireless LAN Controller



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 802.3x 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

Connectors and Cabling:

1*10/100Mbps WAN port
1*10/100Mbps LAN port

Button/Knob:

reset button

Indicator:

Power
System status

Power Input:

Power over Ethernet (IEEE802.3af) 48 VDC
Power supply DC12V / 1.5A

Power Consumption:

<15W

Wireless

Operating Mode:

Gateway,AP, WISP,Universal Repeater

Encryption:

WEP Encryption-64/128/152 bit; WPA/WPA2 Personal (WPA-PSK using TKIP or AES);WPA/WPA2 Enterprise (WPA-EAP using TKIP)

Receive Sensitivity(dBm):

802.11n (20MHZ): Range (-90) dBm
802.11n (40MHZ): Range (-70 ~ -87) dBm
802.11g: Range (-90) dBm
802.11b: Range (-95) dBm

Channel:

Ch.1 ~ 11 USA
Ch.1 ~ 13 EU

EIRP(dBm):

802.11n: up to 27dBm \pm 1dBm
802.11g: up to 25dBm \pm 1dBm
802.11b: up to 23dBm \pm 1dBm

Antenna:

5dBi inside Omni Antenna

Frequency Band (GHz):

2.4 ~ 2.4835 GHz

Modulation:

OFDM = BPSK,QPSK, 16-QAM, 64-QAM; DSSS = DBPSK, DQPSK, CCK

Data Transfer Rate:

802.11n: 300 ~ 78 Mbps
802.11g: 54 ~ 6 Mbps
802.11b: 11 ~ 1 Mbps

Features

General:

Multi-SSID: 4 SSIDs

PoE:

IEEE 802.3af

Security:

SSID Broadcast On/Off

Tag VLAN

Management:

WEB interface

QoS:

802.11e WMM Supported

Ease of Use:

Web-based GUI with Quick Installation Wizard

Web-based (HTTP) firmware upgrade

Performance

Number of Clients:

Maximum:64

Recommend:30

Environment

Temperature (°C):

Operating: -20°C~50°C

Storage: -40°C~70°C

Humidity (Non-condensing):

Storage:5%~95%

Operating: 10 ~ 90%

Deployment:

Ceiling Mount

Physical Specifications

Dimensions (W x D x H mm):

189*189*385

Diameter:

189 mm

Weight (g):

326

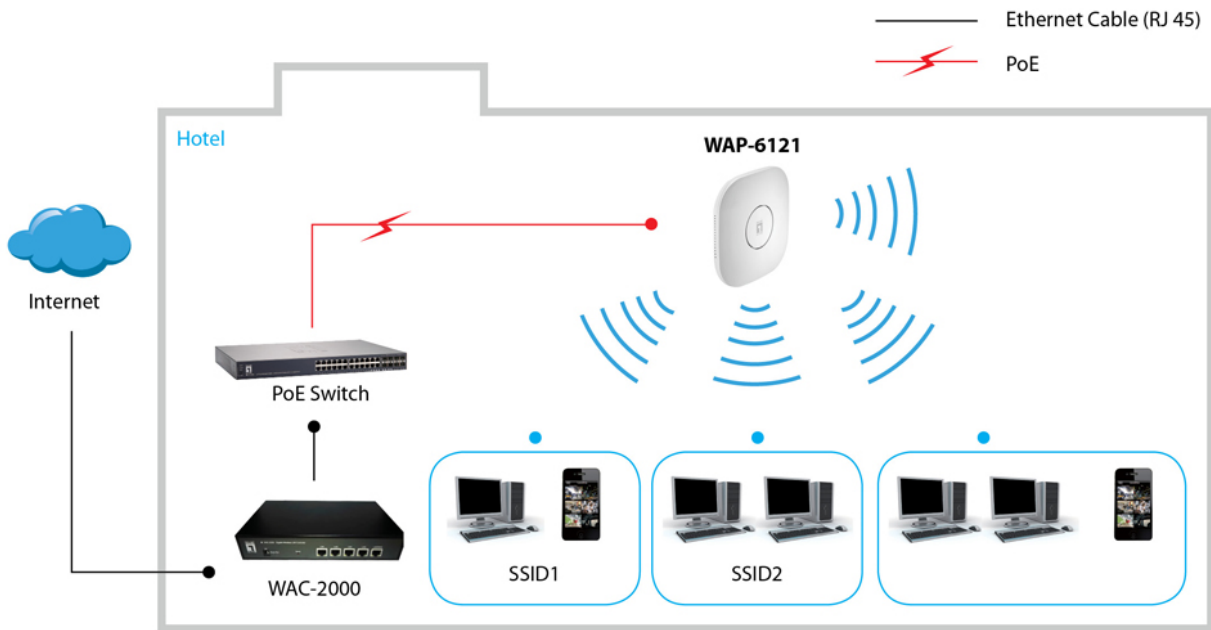
Approval and Compliance

EMI/EMS:

CE / FCC



Diagram



Order Information

WAP-6121

Package Contents

WAP-6121
RJ45 Network Cable
Quick Installation Guide

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