



WAP-6121 [redacted] [redacted]: 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

- [redacted] [redacted] 300Mbps [redacted]
- IEEE 802.11b/g/n [redacted] [redacted] [redacted]
- [redacted] [redacted] IEEE 802.1X [redacted] WEP, WPA [redacted] WPA2 [redacted] [redacted]
- Multi-operation modes to suite different wireless applications
- [redacted] [redacted] [redacted] [redacted] IEEE 802.3af PoE [redacted]



### 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:**

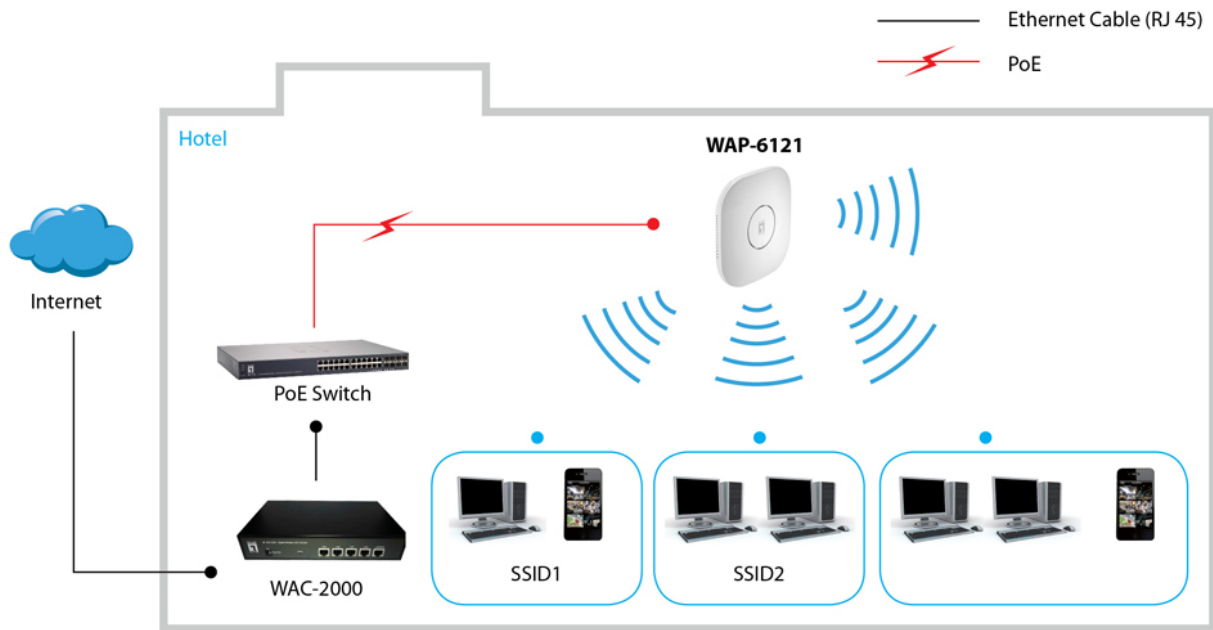
189 mm

**Weight (g):**

326

**Approval and Compliance****EMI/EMS:**

CE / FCC



## Order Information

WAP-6121

## Package Contents

WAP-6121  
RJ45 Network Cable  
Quick Installation Guide

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