



WAP-6221 Version: 1

N300 PoE Wireless Access Point, In-Wall Mount, Controller Managed

This 802.11n single-band wireless access point can run on PoE, and is a fully managed device (when controlled by the LevelOne WAC-2000/WAC-2003). The managed AP is capable of 300 Mbps throughput on the 2.4GHz frequency, and operates on its own or as part of a larger, managed network of access points. PoE means the device does not require an external power supply, making it a versatile and easily deployed option for all sizes of network.



1. Power LED
2. WIFI LED
3. WAN LED
4. LAN Port
5. USB Charge Port
6. Switch ON/OFF
7. WAN/POE Port

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
- Provides up to 4 SSIDs to separate network traffic and enhance security
- Multi-operation modes to suit different wireless applications
- IEEE 802.3af PoE compliant to simplify deployment and installation
- Wall-mounted design fits standard 86x86mm socket

Compatible With



WAC-2000
Gigabit Wireless LAN Controller



WAC-2003

Gigabit Wireless LAN Controller, Quad WAN

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:

1x USB2.0 Port
1x 10/100Mbps Base-TX
1x 10/100Mbps Base-TX PoE Port

Button/Knob:

Reset button
Power on/off button

Indicator:

WLAN LED
Power LED
system status LED
ethernet LED

Power Input:

IEEE802.3af

Power Consumption:

<8W

Wireless

Operating Mode:

AP, Gateway, Universal Repeater

Encryption:

WEP 64/128-bit Web share key encryption
WPA, WPA2 128-bit TKIP/AES encryption
WPA, WPA2-PSK TKIP/AES encryption

Receive Sensitivity(dBm):

802.11n (40MHZ): Range (-68) dBm
802.11n (20MHZ): Range (-68) dBm
802.11g: Range (-68) dBm
802.11b: Range (-85) dBm

Channel:

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

EIRP(dBm):

802.11n: up to 15dBm \pm 1dBm
802.11g: up to 16dBm \pm 1dBm
802.11b: up to 20dBm \pm 1dBm

Antenna:

2*3 dBi inside Omni Antenna

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:

Multi-SSID: 4 SSIDs

PoE:

802.3af

Security:

SSID Broadcast On/Off

Management:

Web-Based GUI Configuration

Syslog monitoring (fit model)

QoS:

802.11e WMM Supported

Ease of Use:

Web-based GUI with Quick Installation Wizard

Web-based (HTTP) firmware upgrade

Performance

Number of Clients:

Max: 36

Recommend:32

Environment

Temperature (°C):

Operating:-10°C ~ -50°C

Storage: -30°C ~ 70°C

Humidity (Non-condensing):

Storage: 10 ~ 95%

Operating: 5 ~ 90%

Deployment:

Wall Mount

Physical Specifications

Dimensions (W x D x H mm):

86mm*86mm*68mm

Weight (g):

267

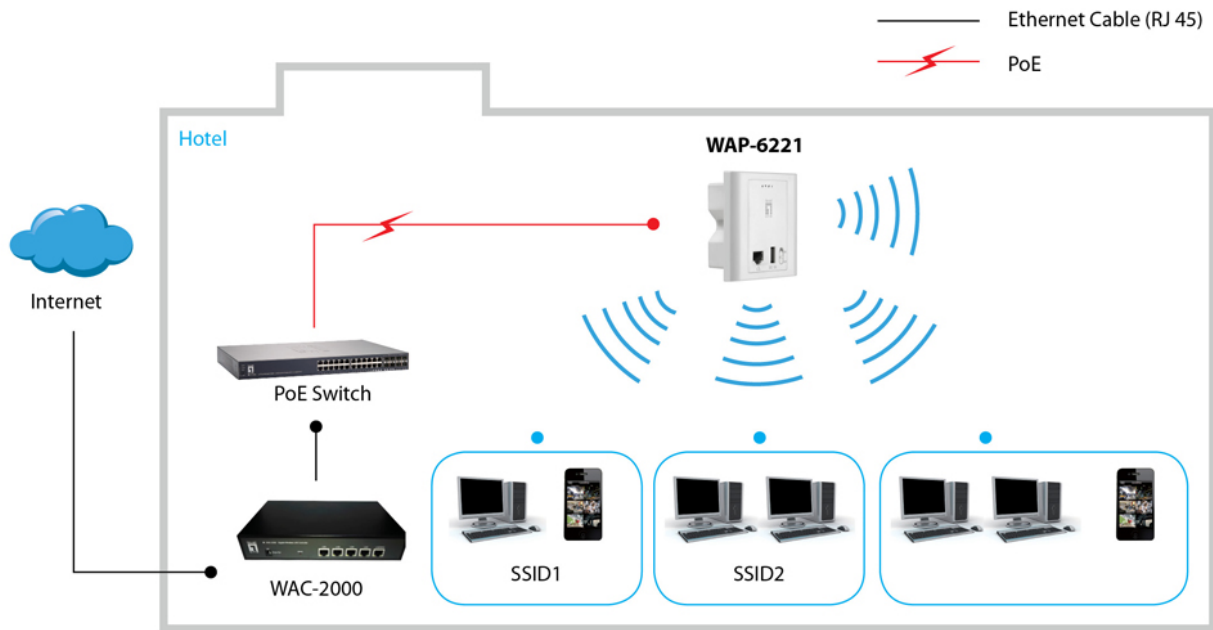
Approval and Compliance

EMI/EMS:

CE



Diagram



Order Information

WAP-6221

Package Contents

WAP-6221

Quick Installation Guide

No liability or responsibility for any errors or omissions in the content.
Specifications are subject to change without notice.
All mentioned brand names are registered trademarks and property of their owners.
Copyright © Digital Data Communications GmbH, Germany. All Rights Reserved.