



Ceiling Mount PoE Wireless Access Point



WAP-3101

H/W Version: 2 (for Special Project)

Discreet and Powerful

The LevelOne Ceiling Mount PoE Wireless Access Point delivers fast wireless speeds to your home or office network. Following the 802.11g standard, you can take advantage of Super-G 108 Mbps throughput for all of your data, voice and video streaming needs.

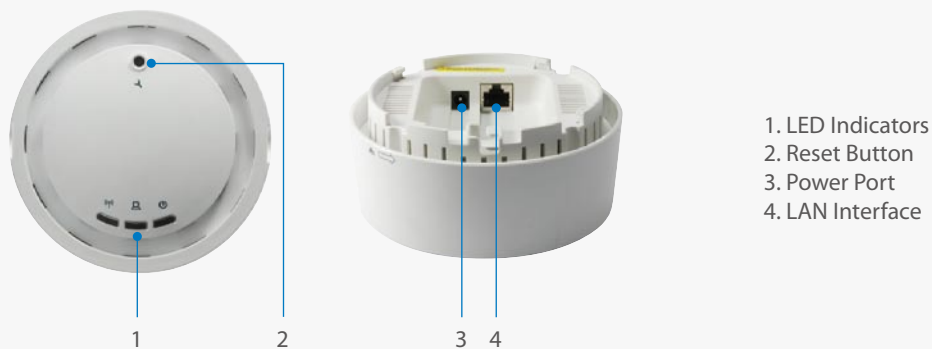
Greater Coverage and Easy Installation

Mostly access points are placed into the ceiling, restricting the performance of wireless signal. WAP-3101 is more flexible than others as it resembles a smoke detector. It is strategically mounted to maximize the reach of the 4 dBi antenna. This way the

signal remains unobstructed, offering solid coverage of the entire room. With the easy to install mounting kit included, you will have this Access Point plugged in and ready to go in under 10 minutes.

Advanced Features

WAP-3101 offers WEP, WPA, WPA2 for advanced wireless security options. And with QoS (WMM), you will be able to prioritize the most important traffic for your specific needs. Moreover, WAP-3101 supports multi-SSID (up to 4 SSIDs) which manager could assign different policies and functions for each SSID through a single access point.



Key Features

- Complies with the IEEE 802.11b/g 2.4GHz specification
- Compliant with IEEE 802.3af PoE PD (Powered Device) standard
- Supports WEP, WPA, WPA2 and IEEE 802.1x for high level security
- Supports QoS (WMM) to enhance user performance and density
- Supports Multi-SSID function (4 SSID) in AP mode
- Embedded 2 x 4dBi Directional Antennas in MIMO Configuration
- Complies wireless network speed up to 108Mbps with Super G and backward compliant with 802.11b/g standards

Related Products



WNC-0306USB
108Mbps Wireless USB Adapter



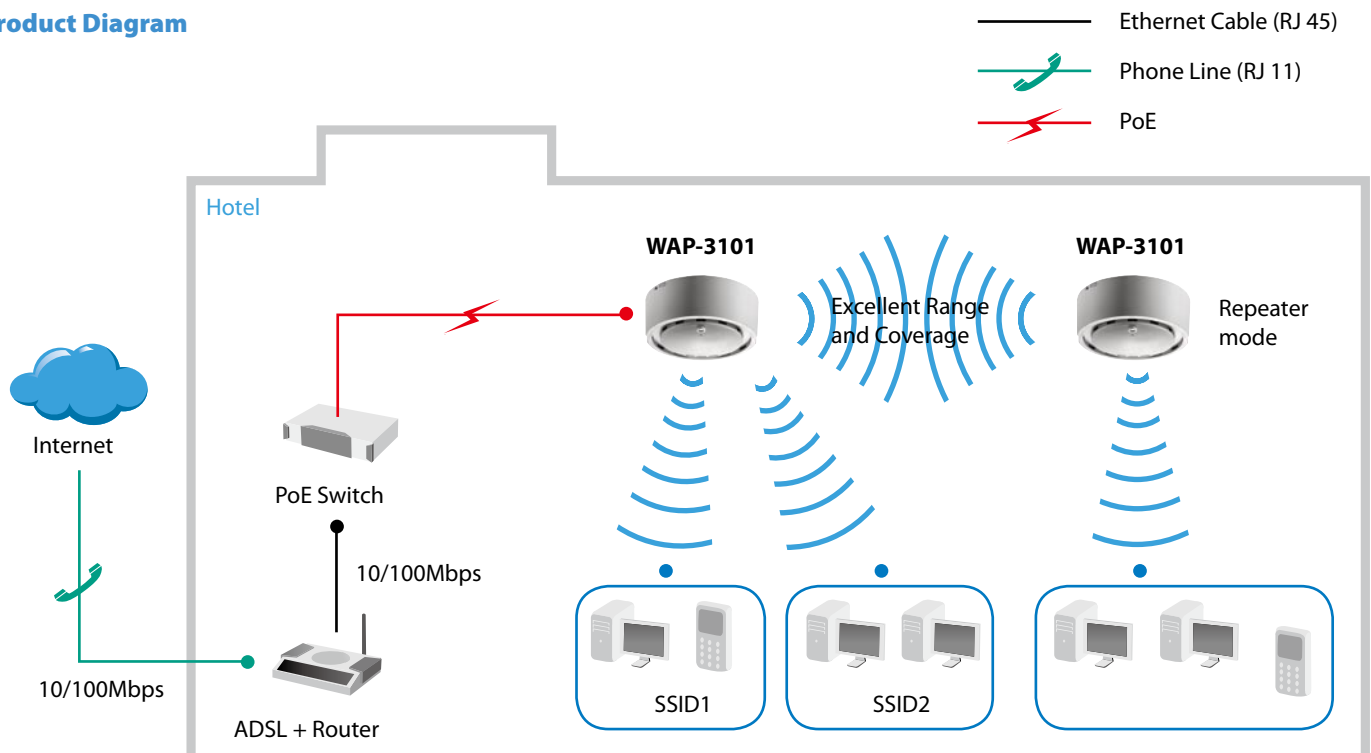
PIS-3000
Normal Power PoE Kit

Technical Specification

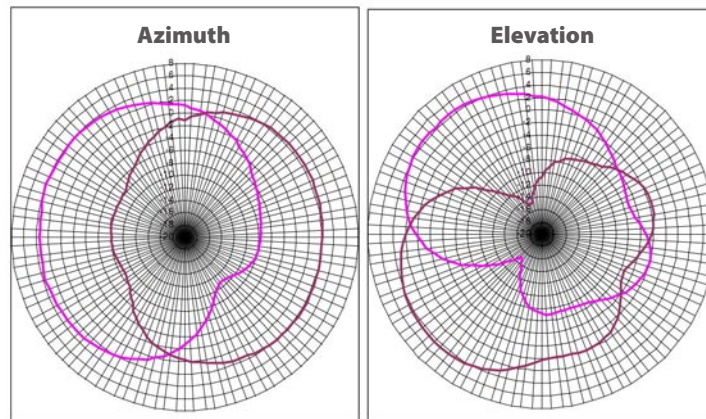
Standards
Super G, IEEE 802.11g, IEEE 802.11b, 802.3af PoE, 802.1x
Network Interface
1x10/100Mbps LAN
Radio Operation
Data Transfer Rate
Super G: up to 108Mbps
802.11g: up to 54Mbps
802.11b: up to 11Mbps
Modulation
802.11g: OFDM
802.11b: CCK, QPSK, BPSK
Media Access Control
CSMA/CA with ACK
Frequency Band
2.4GHz ~ 2.484GHz
Number of Channels
Channel 1 ~ 11 North America
Channel 1 ~ 13 Europe
Channel 1~14 Japan
Antenna
Built-in 2 x 4dBi Directional Antennas
Peak Gain = 4dBi
Receiver Sensitivity(Typical)
802.11g: -74dBm @ 108Mbps
-92dBm @ 6Mbps
802.11b: -89dBm @ 11Mbps
-97dBm @ 1Mbps
Transmitter Output Power(Typical)
802.11b/g: 16 ~ 18dBm
Operation Range
Indoor: approx.up to 100 meters
Outdoor: approx.up to 200 meters
Operation Mode
- AP Mode
- Repeater Mode
- WDS repeater Mode

Memory
RAM: 16 M
Flash: 4 M
Network Security
- WEP-64/128 bit
- WPA
- WPA-PSK
- WPA2
- WPA2-PSK
- 802.1x Authenticator
- Disable SSID Broadcast
- MAC address filtering
Management
- Web-based configuration
- OS Supported: Windows 2000/XP/Vista
- SNMP v1/v2c
Other Features
- Supports Multiple SSID (up to 4 SSIDs)
- Supports WMM
Physical Specifications
LED
- Power
- LAN
- WLAN
Power Adapter
DC 12V, 1A
Temperature
Operating: 0 ~ 45°C
Storage: -20 ~ 70°C
Humidity
5% ~ 95% (Non-condensing)
Dimensions
120mm(diameter) x 50mm(H)
Ceiling Mountable
Certifications
CE, FCC

Product Diagram



Radiation Pattern



Order Information

WAP-3101: Ceiling Mount PoE Wireless Access Point

Package Content

WAP-3101

Power Adapter

LAN Cable

Quick Installation Guide

CD Manual