WAP-6117 Version: 1

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

N300 PoE Wireless Access Point, Desktop, Controller Managed

This 802.11n single-band wireless access point can run on PoE, and is a fully managed device (when controlled by 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.

Key Features

- Share your wireless network up to 300Mbps
- Compatible with IEEE 802.11b/g/n wireless standards
- Provides up to 4 SSIDs to separate network traffic and enhance security
- Multi-operation modes to suit different wireless applications
- Supports WEP, WPA and WPA2 encryption with IEEE 802.1x for high level security
- IEEE 802.3af PoE compliant to simplify deployment and installation

Specifications

System Specifications

Standards & Protocols:
IEEE 802.11b/g/n
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 802.3af

Port:
1*10/100 Mbps WAN Port(PoE)
4*10/100 Mbps LAN Port
1*USB Port
1*DC Jack

Button/Knob:
WPS button

Indicator:
Power, WLAN

Power Input:
PoE (IEEE 802.3af) 48 VDC on WAN port
12VDC / 1.5A (optional Power Adapter)

Power Consumption:
< 12W

Wireless

Operating Mode:
Gateway
Wireless AP
WiFi Repeater
WISP

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:Range (-68) dBm
802.11g:6Mbps: Range (-90) dBm
802.11g:54Mbps: Range (-72) dBm
802.11b:1Mbps: Range (-95) dBm
802.11b:11Mbps: Range (-90) dBm

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

EIRP(dBm):
2.4 GHz Radio: EIRP < 20dBm

Antenna:
2*2.4G Omni 5dBi detachable antenna

Frequency Band:
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: 2.4GHz, 4 SSID

PoE:
IEEE 802.3 af/at

Security:
SSID Broadcast On/Off

Management:
Web-Based GUI Configuration

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:40
Recommend:30

Environment

Temperature (°C):
Operating: 0°C ~ 55°C
Storage: -40°C ~ 70°C

Humidity (Non-condensing):
5%~95% Typical

Installation:
Desktop

Physical Specifications

Dimensions (W x D x H mm):
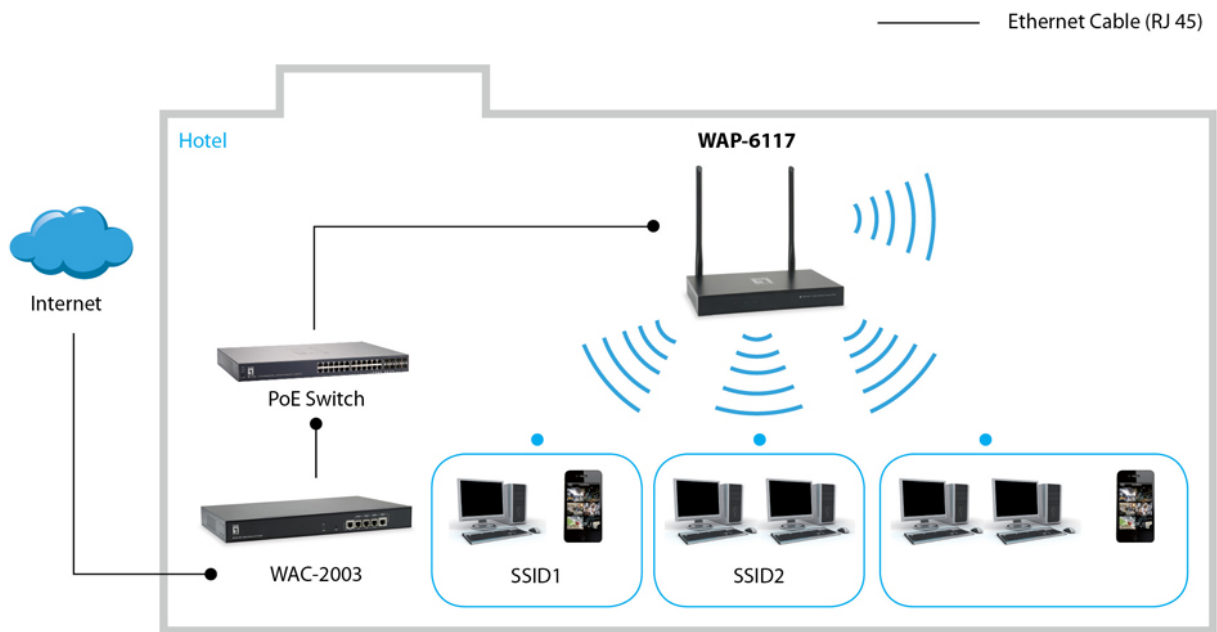220*135*30 mm

Diameter:
217mm X136mm X 24mm

Weight (g):
870

Approval and Compliance

EMI/EMS:
CE

Diagram

Order Information

WAP-6117

Package Contents

WAP-6117
Resource CD (User Manual, QIG)
RJ45 Network Cable