



WAP-8021 Version: 1

AC1200 Dual Band Wireless Access Point, Desktop, Controller Managed

The LevelOne WAP-8021 is a managed, dual-band wireless access point, capable of a combined speed of up to 1200 Mbps. The device runs on 2.4 and 5 GHz frequencies, and can be used as part of a managed network when controlled by the LevelOne WAC-2000/WAC-2003 Wireless LAN Controller. A fast, easy and secure access point for a wide variety of network requirements.

Key Features

- Share your wireless network up to 1200Mbps
- Compatible with IEEE 802.11a/b/g/n/ac wireless standards
- Multi-operation modes to suit different wireless applications
- Provides up to 8 SSIDs to separate network traffic and enhance security

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 802.3ab 1000BASE-T, Gigabit Ethernet
- IEEE 802.11e Wi-Fi Multimedia (WMM)
- IEEE 802.3x Ethernet Flow Control
- IEEE 802.11i Wi-Fi Protected Access (WPA2)
- IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11AC

**Port:**

1 * 10/100/1000Mbps WAN port
4 * 10/100/1000 Mbps RJ45 LAN Port
2 * USB port

Button/Knob:

Reset Button

Power Input:

DC 12V--1.5A

Power Consumption:

<17W

Wireless**Operating Mode:**

Wireless AP
Gateway
WiFi Repeater
WISP

Encryption:

64/128-bit WEP
WPA / WPA2
WPA-PSK/ WPA2-PSK encryption

Receive Sensitivity(dBm):**2.4GHz:**

802.11n (20MHZ): Range -79 dBm
802.11n (40MHZ): Range (-75) dBm
802.11g 6Mbps: Range (-95) dBm .
802.11g 54Mbps: Range (-82) dBm .
802.11b 1Mbps: Range (-99) dBm.
802.11b 11Mbps: Range (-92) dBm.

5GHz:

802.11a 6Mbps: Range (-92) dBm .
802.11a 54Mbps: Range (-75) dBm .
802.11n (20MHZ): Range (-72) dBm .
802.11n (40MHZ): Range (-70) dBm .
802.11ac (20MHZ): Range (-70) dBm .
802.11ac (40MHZ): Range (-66) dBm .
802.11ac (80MHZ): Range (-62) dBm .

Channel:

Ch.1 ~ 11 USA
Ch.1 ~ 13 EU
Ch.36~165 Country

EIRP(dBm):

2.4 GHz Radio: EIRP < 20dBm
5.8 GHz Radio: EIRP < 20dBm

Antenna:

6 x 5dBi dual band antenna(2.4G 4dBi/5.8G 5dBi)

Frequency Band:

2.4 ~ 2.4835 GHz
5.15 ~ 5.35 GHz
5.46 ~ 5.72 GHz
5.725~ 5.825 GHz

Modulation:

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

Data Transfer Rate:

802.11ac : 866Mbps

802.11n: 300 Mbps

802.11g: 54 Mbps

802.11b: 11 Mbps

Features

General:

Multi-SSID: 2.4 GHz: 4 SSID, 5 GHz: 4 SSID

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:100

Recommend:80

Environment

Temperature (°C):

Operating: 0°C ~ 40°C

Storage: -40°C ~ 70°C

Humidity (Non-condensing):

Operating Humidity: 10%~90% non-condensing

Storage Humidity: 5%~90% non-condensing

Installation:

Desktop

Physical Specifications

Dimensions (W x D x H mm):

198*128*26 mm

Weight (g):

598

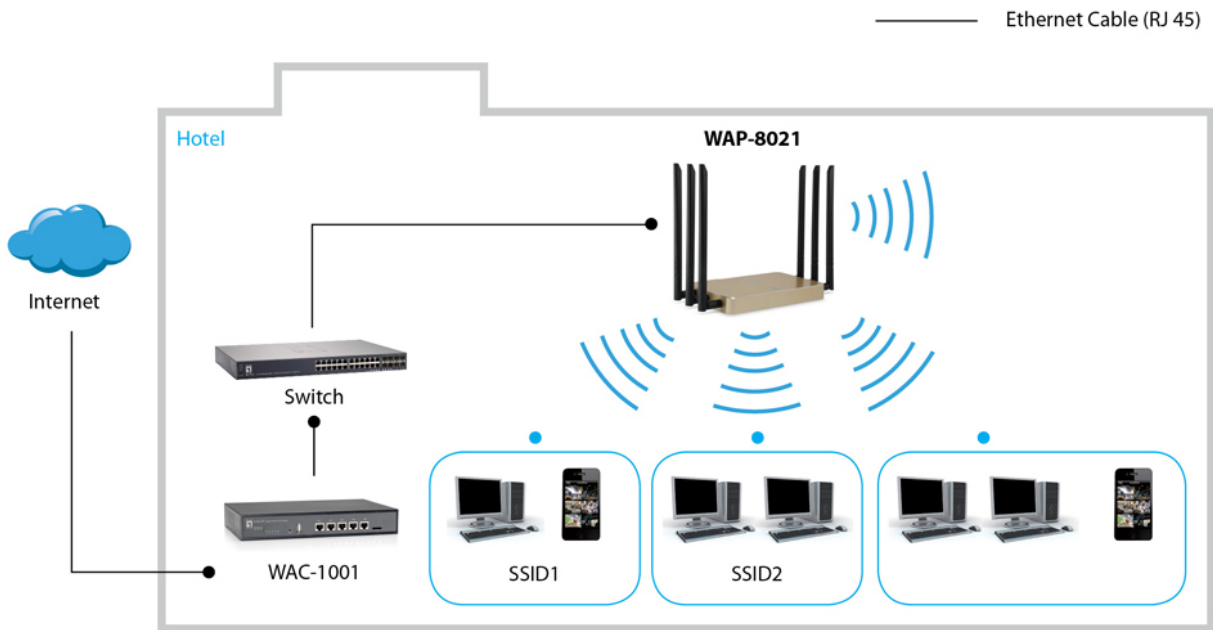
Approval and Compliance

EMI/EMS:

CE



Diagram



Order Information

WAP-8021

Package Contents

WAP-8021
RJ45 Network Cable
Resource CD (User Manual, QIG)
Power Adapter

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