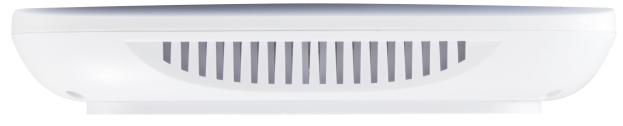


# WAP-8121 AC750 Dual Band PoE Wireless Access Point, Ceiling Mount, Controller Managed

## Product Images

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## Short Description

- Share your wireless network up to 750Mbps
- Compatible with IEEE 802.11a/b/g/n/ac wireless standards
- Provides up to 8 SSIDs to separate network traffic and enhance security
- Multi-operation modes to suit different wireless applications
- Auto Channel Selection for low interference band
- Dual power support: 12V DC/PoE (IEEE 802.3at)

## Description

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LevelOne's WAP-8121 is a managed, dual-band wireless access point, capable of a combined speed of up to 750 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. LevelOne WAP-8121 also offers PoE, removing the need for an external power supply, which makes it easy to install. A fast, versatile and secure access point for a wide variety of network requirements.

## Additional Information

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Approval and compliance	CE, RoHS
Max. operating humidity (%)	90
Max. operating temperature (°C)	50
Max. storage humidity (%)	90
Max. storage temperature (°C)	70
Min. operating humidity (%)	10
Min. operating temperature (°C)	-20
Min. storage humidity (%)	5
Min. storage temperature (°C)	-40
Antenna	1 x 5GHz 5dBi internal Omni antennas 2 x 2.4GHz 5dBi internal Omni antennas
EIRP(dBm)	<20 dBm
Encryption	WEP 64/128-bit Web share key encryption WPA, WPA2 128-bit TKIP/AES encryption WPA, WPA2-PSK TKIP/AES encryption
Frequency band	2.4 ~ 2.4835 GHz 5.15 ~ 5.35 GHz 5.46 ~ 5.72 GHz 5.725~5.825 GHz
Indicators	Power WiFi
RAM size	128MB (DDR2)
Flash memory size	16MB
Mount	Ceiling mount
Operating modes	Gateway Mode, Repeater Mode, AP Mode, WISP Mode
Power supply	Power adapter (ordered separately)
Chipset	Qualcomm QCA9531 + QCA9887
Standards	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 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac IEEE802.3at Power over Ethernet is recommended
Wireless channels	2.4GHz: Ch.1 ~ 13 EU Ch.1 ~ 11 USA 5GHz: Ch.36 ~ 48 EU Ch.36 ~ 48 , 149 ~ 161 USA
Features	Multi-SSID: 8 SSIDs (2.4GHz x 4 SSIDs + 5.8GHz x 4 SSIDs)
Product weight (kg)	0.326
Product breadth (mm)	189
Product depth (mm)	38.5
Product height (mm)	189

Color	White
EAN	4015867199190
Model number	WAP-8121
Package contents	WAP-8121, Screw Kit, RJ45 Network Cable, Quick Installation Guide, Resource CD (User Manual, QIG)
Fast Ethernet RJ45	2
802.3af/at PoE	1
Receiver sensitivity	2.4GHz: 802.11n (20MHZ): Range (-70) dBm 802.11n (40MHZ): Range (-68 ) dBm 802.11g: Range (-72) dBm 802.11b: Range (-95) dBm 5GHz: 802.11ac (80MHZ): Range (-62) dBm 802.11ac (40MHZ): Range (-65) dBm 802.11ac (20MHZ): Range (-68) dBm 802.11n (40MHZ): Range (-68 ) dBm 802.11n (20MHZ): Range (-70) dBm 802.11a: Range (-72) dBm
Frequency band	2.4/5GHz(Dual bands)
Max. Wi-Fi Data Rate	750Mbps
Wireless AP Type	Ceiling
PoE Supported	Yes
Power consumption	15W

