

WAP-8131 AX1800 Dual Band Wi-Fi 6 PoE Wireless Access Point

Product Images



Short Description

- Provides wireless speeds of up to 1800Mbps(574Mbps in 2.4GHz/1201Mbps in 5GHz)
- OFDMA and MU-MIMO support
- Compatible with IEEE 802.11a/b/g/n/ac/ax Wave 2 wireless standards
- Built-in 2 x 2 MIMO antenna
- Multi-operation modes to suit different wireless applications
- Dual power support: 12V DC/PoE (IEEE 802.3at)
- Provides up to 8 SSIDs to separate network traffic
- High power and receiver sensitivity designed to boost your signal coverage and link speed
- Supports WPA3 encryption, compatible with WPA2/WPA

Description

The LevelOne WAP-8131 is a standalone, AX1800 dual-band Wi-Fi 6 PoE wireless access point that features dual Gigabit Ethernet ports and advanced 802.11ax Wave 2 MU-MIMO (Multi-User Multiple-Input Multiple-Output), allows multiple devices to get high-bandwidth Wi-Fi signal at the same time, distributing data more efficiently. capable of a combined speed of up to 1775 Mbps.

The WAP-8131 provides 2.4 and 5 GHz frequencies and can be used as a high-quality stand-alone access point in a corporate environment or for demanding installations. It also offers support for the new WPA3 encryption. Of course, the WAP-8131 is also equipped with PoE, which eliminates the need for an external power supply, simplifying installation. A fast, versatile and secure access point for a variety of network requirements, especially when high speeds are important for many users.

Additional Information

Approval and compliance	CE, RoHS
Max. operating humidity (%)	90
Max. operating temperature (°C)	55
Max. storage humidity (%)	90
Max. storage temperature (°C)	70
Min. operating humidity (%)	10
Min. storage humidity (%)	5
Antenna	4 Built-in 4dBi MIMO antennas
EIRP(dBm)	< 20 dBm
Encryption	WPA2 Personal (AES), WPA3 Personal (AES)
Frequency band	2.412 to 2.484 GHz, 5.18GHz to 5.825GHz
Indicators	WIFI status
RAM size	512 MB
Flash memory size	128 MB
Mount	Ceiling mount, Wall mount
Operating modes	Gateway Mode, Repeater Mode, AP Mode
Power supply	Power adapter (ordered separately)

Chipset	Qualcomm IPQ6000
Standards	● IEEE 10BASE-T (IEEE 802.3) ● IEEE 100BASE-TX (IEEE 802.3u) ● IEEE 1000BASE-T (IEEE 802.3ab) ● IEEE 802.11a/b/g/n/ac/ax ● IEEE 802.3at Power over Ethernet
Wireless channels	● 2.412 to 2.484 GHz: CH 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 ● 5.150GHz to 5.850GHz : CH 36, 40, 44, 48, 52, 56, 60, 64, 100, 104, 108, 116, 120, 124, 128, 132, 140, 149, 153, 157, 161, 165
Features	● Web-Based GUI Configuration ● Multiple SSID (4 SSID for 2.4GHz, 4 SSID for 5GHz)
Product weight (kg)	0.42
Product breadth (mm)	186
Product depth (mm)	186
Product height (mm)	42.5
Color	White
EAN	4015867227879
Model number	WAP-8131
Package contents	● WAP-8131 ● Screw Kit ● RJ45 Network Cable ● Quick Installation Guide ● Declaration of Conformity
Receiver sensitivity	2.4 GHz Radio : ● 802.11b / 1Mbps / RX Sensitivity : -98 (dBm) ● 802.11b / 11Mbps / RX Sensitivity : -90 (dBm) ● 802.11g / 6Mbps / RX Sensitivity : -93 (dBm) ● 802.11g / 54Mbps / RX Sensitivity : -77 (dBm) ● 802.11n HT20 / MCS0 / RX Sensitivity : -92 (dBm) ● 802.11n HT20 / MCS7 / RX Sensitivity : -72 (dBm) ● 802.11n HT40 / MCS0 / RX Sensitivity : -90 (dBm) ● 802.11n HT40 / MCS7 / RX Sensitivity : -71 (dBm) ● 802.11ax HE20 / MCS0 / RX Sensitivity : -93 (dBm) ● 802.11ax HE20 / MCS7 / RX Sensitivity : -63 (dBm) ● 802.11ax HE40 / MCS0 / RX Sensitivity : -91 (dBm) ● 802.11ax HE40 / MCS7 / RX Sensitivity : -60 (dBm) 5 GHz Radio : ● 802.11a HT20 / 6Mbps/ RX Sensitivity : -95 (dBm) ● 802.11a HT20 / 54Mbps/ RX Sensitivity : -77 (dBm) ● 802.11n HT20 / MCS0 / RX Sensitivity : -93 (dBm) ● 802.11n HT20 / MCS7 / RX Sensitivity : -75 (dBm) ● 802.11n HT40 / MCS0 / RX Sensitivity : -91 (dBm) ● 802.11n HT40 / MCS7 / RX Sensitivity : -72 (dBm) ● 802.11ac VHT20 / MCS0 / RX Sensitivity : -93 (dBm) ● 802.11ac VHT20 / MCS7 / RX Sensitivity : -74 (dBm) ● 802.11ac VHT40 / MCS0 / RX Sensitivity : -91 (dBm) ● 802.11ac VHT40 / MCS7 / RX Sensitivity : -72 (dBm) ● 802.11ac VHT80 / MCS0 / RX Sensitivity : -88 (dBm) ● 802.11ac VHT80 / MCS9 / RX Sensitivity : -62 (dBm) ● 802.11ax HE20 / MCS0 / RX Sensitivity : -93 (dBm) ● 802.11ax HE20 / MCS11 / RX Sensitivity : -63 (dBm) ● 802.11ax HE40 / MCS0 / RX Sensitivity : -90 (dBm) ● 802.11ax HE40 / MCS11 / RX Sensitivity : -60 (dBm) ● 802.11ax HE80 / MCS0 / RX Sensitivity : -87 (dBm) ● 802.11ax HE80 / MCS11 / RX Sensitivity : -56 (dBm)
Frequency band	2.4/5GHz(Dual bands)
Wireless AP Type	Ceiling
PoE Supported	Yes
Power consumption	14 W

