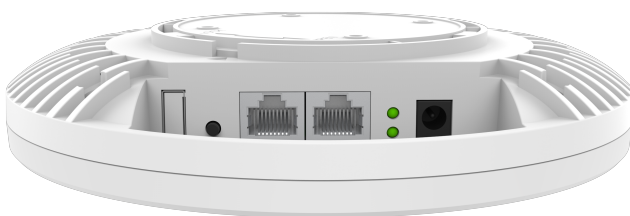


# WAP-8131 AX1800 Dual Band Wi-Fi 6 PoE Wireless Access Point

## Product Images

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## Short Description

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- 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

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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

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|---------------------------------|--|
| 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            | <ul style="list-style-type: none"> <li>● 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</li> </ul>   |
| Wireless channels    | <ul style="list-style-type: none"> <li>● 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</li> </ul>   |
| Features             | <ul style="list-style-type: none"> <li>● Web-Based GUI Configuration ● Multiple SSID (4 SSID for 2.4GHz, 4 SSID for 5GHz)</li> </ul>  |
| Product weight (kg)  | 0.4185  |
| Product breadth (mm) | 186   |
| Product depth (mm)   | 186   |
| Product height (mm)  | 42.5  |
| Color                | White   |
| EAN                  | 4015867227879   |
| Model number         | WAP-8131  |
| Package contents     | <ul style="list-style-type: none"> <li>● WAP-8131 ● Screw Kit ● RJ45 Network Cable ● Quick Installation Guide ● Declaration of Conformity</li> </ul>  |
| Receiver sensitivity | <p>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)</p> <p>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)</p> |
| Frequency band       | 2.4/5GHz(Dual bands)  |
| Wireless AP Type     | Ceiling   |
| PoE Supported        | Yes   |
| Power consumption    | 14 W  |

