



Omada BE5000 (US) / BE3600 (EU) Wi-Fi 7 Indoor / Outdoor Access Point with Directional / Omnidirectional Antennas

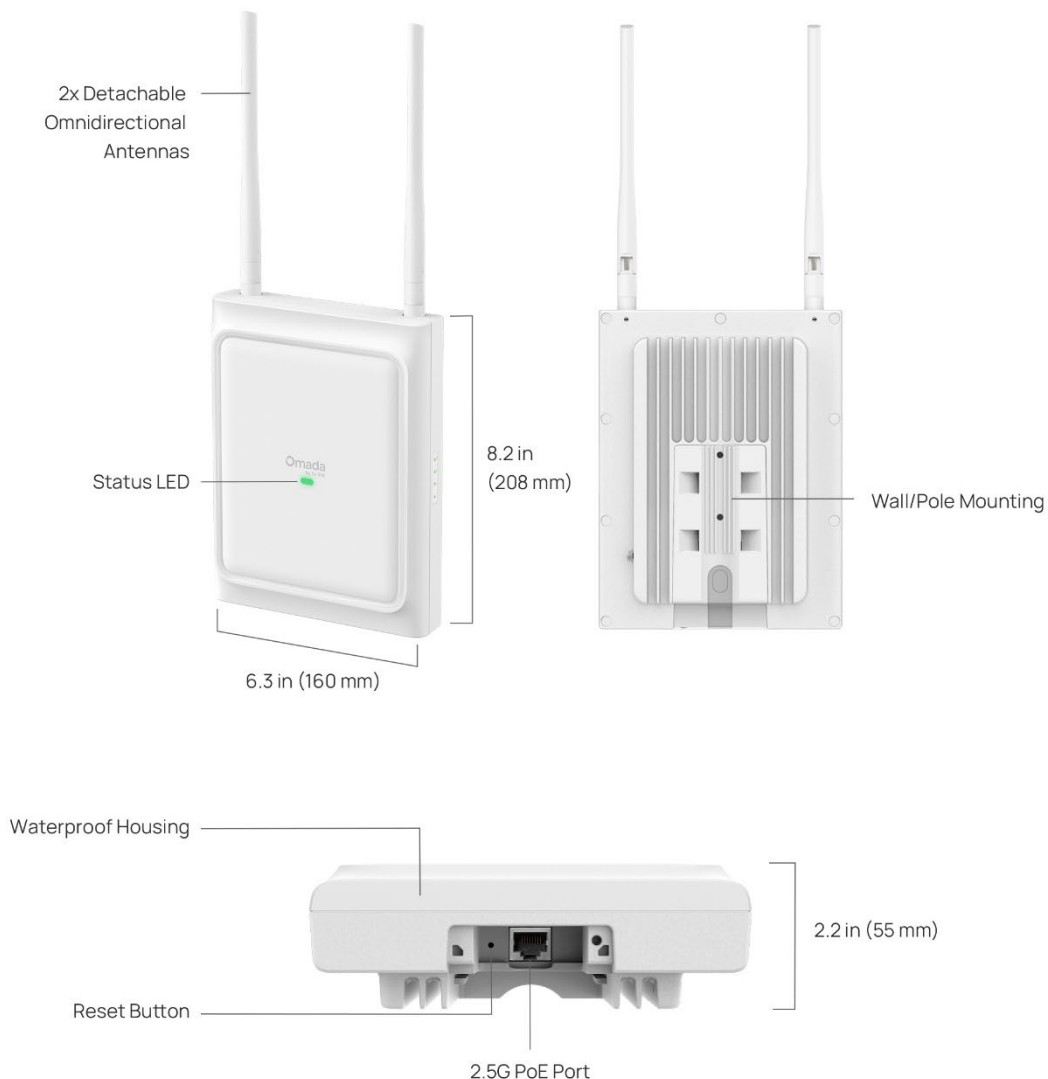
Model: EAP725-Outdoor

Product Overview

Omada BE5000 (US) / BE3600 (EU) Wi-Fi 7 Indoor/Outdoor Access Point EAP725-Outdoor is the dual-band business-grade Wi-Fi 7 Outdoor Access Point model. Features internal directional antennas and detachable omnidirectional antennas with flexible mode switching. Ideal for garage, swimming pools, and farms.

- **Directional and Omnidirectional Antennas:** Freely switch between modes via software for optimal signal control.**
- **Plug & Play Auto-Sensing Antennas:** Automatically detects antenna changes and switches between internal and external antennas as needed.
- **4-Stream Dual-Band Wi-Fi 7:** Up to 5 Gbps for the US and up to 3.6 Gbps for the EU.†
- **1 × 2.5G PoE Port:** Flexible PoE deployment reduces costs by delivering power and data over a single Ethernet cable.
- **Outdoor-Ready Durability:** Features an IP66-rated weatherproof enclosure and 6kV lightning protection.
- **Quick and Easy Setup:** Features wall/pole mounting with Omada SDN for one-click setup.
- **Advanced Features:** Centralized management, mesh, and seamless roaming.Δ

Product Appearance



Feature Descriptions

Omada Wi-Fi 7 Technology: Swifter, Smoother, Stronger*

Featuring superb Wi-Fi 7 technology, including Multi-Link Operation, Multi-RUs, and 4K-QAM, Omada EAP725-Outdoor significantly enhances throughput, connection stability, and concurrent capacity, ensuring faster and higher quality connections for more devices.



Versatile Directional/Omni Antennas to Meet Diverse Deployment Needs

EAP725-Outdoor is Omada's first outdoor access point featuring both internal and detachable antennas. It offers four selectable antenna modes: External Omni, Internal Directional, Custom, and Auto.

In Custom mode, professional users can independently choose the internal or external antenna for 2.4 GHz and 5 GHz bands and configure antenna gain for each, enabling highly flexible, scenario-specific deployments.

In factory-default Auto mode, the AP automatically detects antenna changes and seamlessly switches between internal and external antennas, delivering true plug-and-play convenience.

Flexible Deployment with PoE Support

1× 2.5G PoE+ port delivers both power and data through a single cable, cutting deployment costs and outdoor wiring complexity.

Outdoor-Ready Design for Extreme Conditions

EAP725-Outdoor offers complete dustproof protection and the ability to withstand prolonged submersion in water. It supports IP66 weatherproof and 6kV lightning protection. Additionally, an extended temperature tolerance of -30 °C to 70 °C makes it ideal for extremely hot and cold environments.

Quick and Easy Setup

Flexible installation options, including wall and pole mounts, enable quick deployment in diverse settings. Integration with Omada SDN allows for one-click adoption and automatic device discovery, streamlining the setup process.

Cloud-Based Centralized Management

As part of Omada's unified SDN ecosystem, EAP725-Outdoor works with Omada switches, gateways, and controllers. Businesses gain end-to-end visibility, automated optimization, zero-touch provisioning, and batch configuration—all managed from a single cloud interface.

Seamless Connectivity with Mesh and Roaming

Ensures customers enjoy uninterrupted streaming when moving around by switching clients automatically to the access points with the optimal signal.

Specifications

Hardware Specifications

| Item | Description | |
|-----------------|---|--|
| Wi-Fi Standards | 5 GHz: IEEE 802.11a/n/ac/ax/be 2.4 GHz: IEEE 802.11b/g/n/ax/be | |
| 802.11be | Spatial Streams | <ul style="list-style-type: none"> 2.4 GHz: 2×2 Uplink/Downlink MU-MIMO with 2 spatial streams 5 GHz: 2×2 Uplink/Downlink MU-MIMO with 2 spatial streams |
| | Frequency Bands | 2.400 to 2.4835 GHz ISM 5.150 to 5.250 GHz U-NII-1 5.250 to 5.350 GHz U-NII-2A 5.470 to 5.725 GHz U-NII-2C 5.725 to 5.850 GHz U-NII-3/ISM <i>*Note: Country-Specific Restriction Apply</i> |
| | Bandwidth | 2.4 GHz: 20 MHz/40 MHz 5 GHz: 20 MHz/40 MHz/80 MHz/160/240 MHz <i>*Note: Country-Specific Restriction Apply</i> |
| | Wireless Data Rate | 2.4 GHz + 5 GHz: 5012 Mbps <ul style="list-style-type: none"> 2.4 GHz: 8.6 Mbps to 688 Mbps (MCS0-MCS13, NSS=1 to 2, EHT20/40) 5 GHz: 8.6 Mbps to 4324 Mbps (MCS0-MCS13, NSS=1 to 2, EHT20/40/80/160/240) |
| | Radio Technology | Uplink/Downlink OFDMA (Orthogonal Frequency-Division Multiple Access) |
| | Modulation Type | 4096-QAM, 1024-QAM, 256-QAM. 64-QAM, 16-QAM, QPSK, BPSK |
| | Frame Aggregation | <ul style="list-style-type: none"> A-MPDU (Aggregate MAC Protocol Data Unit) for Tx/Rx A-MSDU (Aggregate MAC Service Data Unit) for Tx/Rx |
| | Others | <ul style="list-style-type: none"> Preamble Puncturing BSS Coloring Multi-Link Operation (MLO) TWT (Target Wake Time) Maximal Ratio Combining (MRC) Transmit Beamforming (TxBF) Wi-Fi Protect Access 3 (WPA3) Dynamic Frequency Selection (DFS) Cycle Delay Diversity (CDD) Cycle Shift Diversity (CSD) Space-Time Block Coding (STBC) Low-Density Parity Check (LDPC) |
| 802.11ax | Spatial Streams | <ul style="list-style-type: none"> 2.4 GHz: 2×2 Uplink/Downlink MU-MIMO with 2 spatial streams 5 GHz: 2×2 Uplink/Downlink MU-MIMO with 2 spatial streams |

| Item | Description | |
|----------|--------------------|---|
| | Frequency Bands | 2.400 to 2.4835 GHz ISM 5.150 to 5.250 GHz U-NII-1 5.250 to 5.350 GHz U-NII-2A 5.470 to 5.725 GHz U-NII-2C 5.725 to 5.850 GHz U-NII-3/ISM *Note: Country-Specific Restriction Apply |
| | Bandwidth | 2.4 GHz: 20 MHz/40 MHz 5 GHz: 20 MHz/40 MHz/80 MHz/160 MHz *Note: Country-Specific Restriction Apply |
| | Wireless Data Rate | <ul style="list-style-type: none"> 2.4 GHz: 8.6 Mbps to 573 Mbps (MCS0-MCS11, NSS=1 to 2, HE20/40) 5 GHz: 8.6 Mbps to 2402 Mbps (MCS0-MCS11, NSS=1 to 2, HE20/40/80/160) *Note: Country-Specific Restriction Apply |
| | Radio Technology | Uplink/Downlink OFDMA (Orthogonal Frequency-Division Multiple Access) |
| | Modulation Type | 1024-QAM, 256-QAM, 64-QAM, 16-QAM, QPSK, BPSK |
| | Frame Aggregation | <ul style="list-style-type: none"> A-MPDU (Aggregate MAC Protocol Data Unit) for Tx/Rx A-MSDU (Aggregate MAC Service Data Unit) for Tx/Rx |
| | Others | <ul style="list-style-type: none"> TWT (Target Wake Time) MRC (Maximal Ratio Combining) TxBF (Transmit Beamforming) WPA3 (Wi-Fi Protect Access 3) DFS (Dynamic Frequency Selection) CDD (Cycle Delay Diversity) CSD (Cycle Shift Diversity) STBC (Space-Time Block Coding) LDPC (Low-Density Parity-Check) |
| 802.11ac | Spatial Streams | <ul style="list-style-type: none"> 5 GHz: 2x2 Downlink MU-MIMO with 2 spatial streams |
| | Frequency Bands | 5.150 to 5.250 GHz U-NII-1 5.250 to 5.350 GHz U-NII-2A 5.470 to 5.725 GHz U-NII-2C 5.725 to 5.850 GHz U-NII-3/ISM *Note: Country-Specific Restriction Apply |
| | Bandwidth | 5 GHz: 20 MHz/40 MHz/80/160 MHz |
| | Wireless Data Rate | <ul style="list-style-type: none"> 5 GHz: 8.6 Mbps to 1733M Mbps (MCS0-MCS9, NSS=1 to 2, VHT20/40/80/160) |
| | Radio Technology | OFDM (Orthogonal Frequency-Division Multiplexing) |
| | Modulation Type | 256-QAM, 64-QAM, 16-QAM, QPSK, BPSK |
| | Frame Aggregation | <ul style="list-style-type: none"> A-MPDU (Aggregate MAC Protocol Data Unit) for Tx/Rx A-MSDU (Aggregate MAC Service Data Unit) for Tx/Rx |

| Item | Description | |
|------------|---|--|
| | Others | <ul style="list-style-type: none"> • MRC (Maximal Ratio Combining) • TxBF (Transmit Beamforming) • DFS (Dynamic Frequency Selection) • CDD (Cycle Delay Diversity) • CSD (Cycle Shift Diversity) • STBC (Space-Time Block Coding) • LDPC (Low-Density Parity-Check) |
| 802.11n | Spatial Streams | <ul style="list-style-type: none"> • 2.4 GHz: 2×2 MIMO with 2 spatial streams • 5 GHz: 2×2 MIMO with 2 spatial streams |
| | Frequency Bands | 2.400 to 2.4835 GHz ISM 5.150 to 5.250 GHz U-NII-1 5.250 to 5.350 GHz U-NII-2A 5.470 to 5.725 GHz U-NII-2C 5.725 to 5.850 GHz U-NII-3/ISM *Note: Country-Specific Restriction Apply |
| | Bandwidth | 20 MHz/40 MHz |
| | Wireless Data Rate | <ul style="list-style-type: none"> • 2.4 GHz: 8.6 Mbps to 300 Mbps (MCS0-MCS7, NSS=1 to 2, HT20/40) • 5 GHz: 8.6 Mbps to 300 Mbps (MCS0-MCS7, NSS=1 to 2, HT20/40) |
| | Radio Technology | OFDM (Orthogonal Frequency-Division Multiplexing) |
| | Modulation Type | 64-QAM, 16-QAM, QPSK, BPSK |
| | Frame Aggregation | <ul style="list-style-type: none"> • A-MPDU (Aggregate MAC Protocol Data Unit) for Tx/Rx • A-MSDU (Aggregate MAC Service Data Unit) for Tx/Rx |
| | Others | <ul style="list-style-type: none"> • MRC (Maximal Ratio Combining) • TxBF (Transmit Beamforming) • DFS (Dynamic Frequency Selection) • CDD (Cycle Delay Diversity) • CSD (Cycle Shift Diversity) • STBC (Space-Time Block Coding) • LDPC (Low-Density Parity-Check) |
| Antenna | Wi-Fi | 2.4 GHz: <ul style="list-style-type: none"> • 2 × 4.5 dBi (peak gain), external omnidirectional antennas • 2 × 8.3 dBi (peak gain), internal directional antennas (antenna beamwidth 90°) 5 GHz: <ul style="list-style-type: none"> • 2 × 5.3 dBi (peak gain), external omnidirectional antennas • 2 × 13.2 dBi (peak gain), internal directional antennas (antenna beamwidth 45°) *Note: The gains above are the single-antenna peak gains. |
| | IoT | <ul style="list-style-type: none"> • Bluetooth: 1 × 3.6 dBi (peak gain), internal omnidirectional antennas |
| Interfaces | <ul style="list-style-type: none"> • 1 x 10M/100M/1000M/2.5Gbps Ethernet Port (RJ45); PoE in • 1 x Grounding Terminal | |
| IoT | BLE 5.2, 1Mbps | |

| Item | Description | |
|----------------------------|--|---|
| Memory | <ul style="list-style-type: none"> Flash: 1024 Mbit DRAM: 4096 Mbit | |
| Button | 1 × Reset button: Press the button for longer than 5 seconds to make the device restore to factory settings. | |
| Indicator | 1 × multi-color system LED indicates on the front: <ul style="list-style-type: none"> Power-on status Firmware initialization or upgrade status Uplink service status Error status 4 × green system LED indicates on the side: <ul style="list-style-type: none"> Signal strength of Uplink | |
| Reliability | MTBF (Mean Time between Failure) | CE: <ul style="list-style-type: none"> 584455 hours at the operating temperature of 25°C (77°F) 295200 hours at the operating temperature of 40°C (104°F) FCC: <ul style="list-style-type: none"> 392111 hours at the operating temperature of 25°C (77°F) 235084 hours at the operating temperature of 40°C (104°F) |
| Power Supply | Input | 802.3at PoE+: 42.5 - 57 V \approx 0.6 A |
| | Output | / |
| Power Consumption | <ul style="list-style-type: none"> 802.3at (PoE+): 18.4 W, 2.4GHz radio 2×2, 5GHz radio 2×2, wired link rate can be up to 2.5 Gbps, etc. Idle mode: 7.6 W (PoE) | |
| Surge/Lightning Protection | Ethernet Ports: ±6 kV | |
| ESD/EMP Protection | <ul style="list-style-type: none"> Air discharge: ±8 kV Contact discharge: ±4 kV <p><i>*Note: ESD/EMP Protection means Electrostatic Discharge/Electromagnetic Pulse Protection independently.</i></p> | |
| Tx Power | Maximum transmit power | CE (ERIP) <ul style="list-style-type: none"> 2.4 GHz: 20 dBm 5 GHz: 23 dBm in U-NII-1, 23 dBm in U-NII-2A, 30 dBm in U-NII-2C, FCC (Conducted Power) <ul style="list-style-type: none"> 2.4 GHz: 25 dBm 5 GHz: 26 dBm in U-NII-1, 24 dBm in U-NII-2A, 24 dBm in U-NII-2C, 26 dBm in U-NII-3 <p><i>*Note: MIMO combined power, excluding antenna gains. The actual transmit power depends on local laws and regulations.</i></p> |

| Item | Description | |
|-------------|----------------------------|--|
| | Minimum transmit power | CE (ERIP) <ul style="list-style-type: none"> • 2.4 GHz: 7 dBm • 5 GHz: 7 dBm in U-NII-1, 7 dBm in U-NII-2A, 7 dBm in U-NII-2C FCC (Conducted Power) <ul style="list-style-type: none"> • 2.4 GHz: 4 dBm • 5 GHz: 4 dBm in U-NII-1, 4 dBm in U-NII-2A, 4 dBm in U-NII-2C, 4dBm in U-NII-3 *Note: MIMO combined power, excluding antenna gains. The actual transmit power depends on local laws and regulations. |
| | Adjustable power increment | 1 dBm |
| Environment | Temperature | <ul style="list-style-type: none"> • Operating: -30°C to +70°C (-22°F to +158°F) • Storage: -40°C to +70°C (-40°F to +158°F) |
| | Humidity | <ul style="list-style-type: none"> • Operating: 10% to 90% (non-condensing) • Storage: 5% to 90% (non-condensing) |
| | Altitude | <ul style="list-style-type: none"> • Storage: up to + 2000m(6561feet) • Operating: up to + 2000m(6561feet) |
| | Windproof | Class 16 |
| | Weatherproof Enclosure | IP66 |
| Unit | Dimensions (W×D×H) | <ul style="list-style-type: none"> • Main Unit: 208.0 × 160.0 × 55.0 mm (8.19 in. x 6.30 in. x 2.17 in.) • Shipping Unit: 248.0 × 202.0 × 83.0 mm (9.76 in. x 7.95 in. x 3.27 in.) |
| | Weight | <ul style="list-style-type: none"> • Main Unit: 1.33 kg (2.92 lbs) • Mounting Bracket: 0.09 kg (0.20 lbs) • Shipping Unit: 1.75 kg (3.86 lbs) |
| | Mounting | <ul style="list-style-type: none"> • Pole Mount (Kits included) • Wall Mount (Kits included) |

Software Specifications

| Item | Description | |
|--------------------|-----------------------------------|---|
| Wireless Functions | Maximum number of BSSIDs | 16 (8 on each band) |
| | Maximum number of associated STAs | 256 |
| | Guest Network | Yes |
| | ACS (Automatic Channel Selection) | Yes |
| | Airtime Fairness | Yes |
| | Band Steering | Yes |
| | 802.11 Rate Control | Yes |
| | Rogue AP Detection | Yes |
| | URL Filtering | Yes |
| | RF Scan | Yes |
| | WLAN Optimization | Yes |
| | WIDS/WIPS | No |
| | Lock to AP | Yes |
| | Rate Limit | <ul style="list-style-type: none"> SSID Rate Limit Client Rate Limit |
| | Load Balance | <ul style="list-style-type: none"> Maximum Associated Clients RSSI Threshold |
| | MLO | <ul style="list-style-type: none"> 2.4 GHz+5 GHz |
| | Roaming | <ul style="list-style-type: none"> 802.11 k 802.11v 802.11r Non-Stick Roaming Ping-Pong Roaming Suppression AI Roaming <p><i>*Note: Only support Layer 2 Roaming currently.</i></p> |
| | Multicast/Broadcast Management | <ul style="list-style-type: none"> Multicast-to-Unicast Conversion ARP-to-Unicast Conversation Multicast Filtering Multicast/Broadcast Rate Limit |

| Item | Description | |
|-----------------------------|--|---|
| | QoS (Quality of Service) | <ul style="list-style-type: none"> WMM (Wi-Fi Multimedia) DSCP (Differentiated Services Code Point) U-APSD (Unscheduled Automatic Power Save Delivery) |
| Security and Authentication | ACL | |
| | MAC Filter | |
| | 802.1X Authentication | |
| | MAC-Based Authentication | |
| | <ul style="list-style-type: none"> None Enhanced Open WPA/WPA2/WPA3-Personal WPA/WPA2/WPA3-Enterprise | |
| | Radius Accounting | |
| | <ul style="list-style-type: none"> PPSK without Radius PPSK with Radius (Generic Radius with bound MAC/EKMS/Generic Radius with unbound MAC) | |
| | Captive Portal | <ul style="list-style-type: none"> No Authentication Simple Password Hotspot (Voucher / Local User / SMS / RADIUS / Form Auth) RADIUS Server External LDAP Server External Portal Server Pre-Authentication Access Authentication-Free Client |
| | EAP Types | <ul style="list-style-type: none"> EAP-TLS EAP-TTLS EAP-PEAP EAP-CHAP EAP-SIM EAP-AKA EAP-GTC EAP-FAST EAP-PEAP EAP-MD5 EAP-MSCHAPv2 PEAPv0 PEAPv1 |
| Management methods | Omada Controller | <ul style="list-style-type: none"> Omada Controller V5.15 and above Omada Essential V5.15 and above |
| | App | Omada App V4.25 and above |
| | Standalone Management | Yes |

| Item | Description | |
|------------------|--------------------------------------|---|
| | Standalone Mesh | No |
| | SSH | Yes |
| | SNMP | v1, v2c, v3 |
| Operating Modes | AP | Yes |
| | Repeater | Yes |
| | Mesh | Yes |
| System Feature | System Log | Yes |
| | Reboot Schedule | Yes |
| | WLAN Schedule | Yes |
| | NTP (Network Time Protocol) | Yes |
| | Email Alerts | Yes |
| | Firmware Upgrade | Yes |
| | Restore & Backup | Yes |
| | LED Control | Yes |
| Network Features | VLAN | <ul style="list-style-type: none"> • SSID VLAN • Dynamic VLAN • Management VLAN |
| | Static IP / DHCP Client | Yes |
| | IPv4/IPv6 | Yes |
| | LLDP (Link Layer Discovery Protocol) | Yes |
| | mDNS | Yes |
| | Tools | <ul style="list-style-type: none"> • Ping / Traceroute / DNSLookup / ARP Table • Packet Capture • Terminal |

Standards Compliance and Certifications

| Item | Category | Description |
|----------------------|--------------------|---|
| Standards compliance | IEEE Standards | <ul style="list-style-type: none"> • IEEE 802.11a/b/g/n/ac/ax/be • IEEE 802.11e/i/k/v/r • IEEE 802.1x/q • IEEE 802.3at • IEEE 802.3ab • IEEE 802.3bz • IEEE 802.3x |
| | Radio Standards | <ul style="list-style-type: none"> • ETSI EN 300 328 • ETSI EN 301 893 • EN 50385 EN50665 EN IEC 62311 • FCC Part 15E • RSS-247, RSS-GEN • LP0002 |
| | EMC standards | <ul style="list-style-type: none"> • EN 55032 • EN 55035 • EN 301489-1 • EN 301489-17 • EN 301489-19 • FCC Part 15C • ICES-003 issue7 • CNS 15936 |
| | Safety Standards | <ul style="list-style-type: none"> • EN 62368-1 • IEC 62368-1 • CNS 15598-1 |
| | Security Standards | <ul style="list-style-type: none"> • WPA-Personal/Enterprise • WPA2-Personal/Enterprise • WPA3-Personal/Enterprise • OWE |
| | RoHS | <ul style="list-style-type: none"> • Directive 2011/65/EU, Directive (EU) 2015/863 • EN IEC 63000: 2018 |
| | Others | <ul style="list-style-type: none"> • Equipment Radio Regulations: 2008 (including amendments) • VCCI-CISPR 32 |
| | | |
| Certifications | | <ul style="list-style-type: none"> • Wi-Fi Alliance: Wi-Fi 7 (R1), Wi-Fi 6 (R2), Wi-Fi 6E, WPA3-R3, WPA3-Suite B, Enhanced Open Security • FCC/CE/NCC/VCCI/JRF/BSMI |

RF Performance

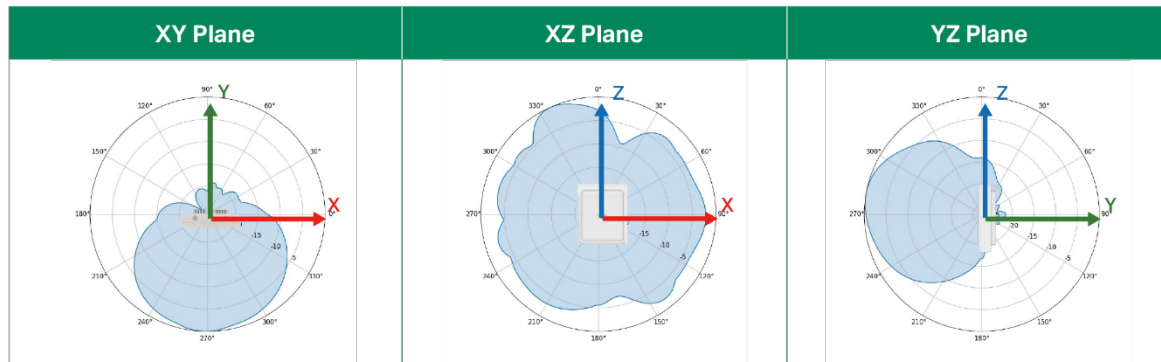
| Frequency Band | Wi-Fi Protocol & Bandwidth | MCS Index / Data Rate | EU/US Maximum Transmit Power (dBm) per transmit chain | Receiver Sensitivity (dBm) per receive chain |
|----------------|----------------------------|-----------------------|---|--|
| 2.4 GHz | 802.11n, HT20 | MCS0 | 15/22 | -97.0 |
| | | MCS7 | 15/21 | -78.0 |
| | 802.11n, HT40 | MCS0 | 15/22 | -93.5 |
| | | MCS7 | 15/21 | -75.5 |
| | 802.11ax, HE20 | MCS0 | 15/22 | -97.0 |
| | | MCS11 | 15/19 | -66.5 |
| | 802.11ax, HE40 | MCS0 | 15/22 | -93.0 |
| | | MCS11 | 15/19 | -66.0 |
| | 802.11be, EHT20 | MCS0 | 15/22 | -97.0 |
| | | MCS13 | 15/19 | NA |
| | 802.11be, EHT40 | MCS0 | 15/22 | -93.5 |
| | | MCS13 | 15/19 | NA |
| 5 GHz | 802.11n, HT20 | MCS0 | 23/23 | -96.5 |
| | | MCS7 | 21/21 | -76.5 |
| | 802.11n, HT40 | MCS0 | 23/23 | -92.5 |
| | | MCS7 | 21/21 | -72.5 |
| | 802.11ac, VHT20 | MCS0 | 23/23 | -96.5 |
| | | MCS8 | 20/20 | -77.0 |
| | 802.11ac, VHT40 | MCS0 | 23/23 | -93.5 |
| | | MCS9 | 20/20 | -69.0 |
| | 802.11ac, VHT80 | MCS0 | 23/23 | -89.5 |
| | | MCS9 | 20/20 | -64.5 |
| | 802.11ax, HE20 | MCS0 | 23/23 | -96.5 |
| | | MCS11 | 19/19 | -67.0 |
| | 802.11ax, HE40 | MCS0 | 23/23 | -93.0 |
| | | MCS11 | 19/19 | -65.0 |
| | 802.11ax, HE80 | MCS0 | 23/23 | -89.5 |
| | | MCS11 | 19/19 | -62.0 |
| | 802.11ax, HE160 | MCS0 | 23/23 | -88.5 |

| Frequency Band | Wi-Fi Protocol & Bandwidth | MCS Index / Data Rate | EU/US Maximum Transmit Power (dBm) per transmit chain | Receiver Sensitivity (dBm) per receive chain |
|----------------|----------------------------|-----------------------|---|--|
| | 802.11be, EHT20 | MCS11 | 18/18 | -61.5 |
| | | MCS0 | 23/23 | -96.5 |
| | 802.11be, EHT40 | MCS13 | 18/18 | -62.0 |
| | | MCS0 | 23/23 | -93.5 |
| | 802.11be, EHT80 | MCS13 | 18/18 | -58.0 |
| | | MCS0 | 23/23 | -90.0 |
| | 802.11be, EHT160 | MCS13 | 18/18 | -57.5 |
| | | MCS0 | 23/23 | -87.5 |
| | | MCS13 | 17/17 | -55.0 |

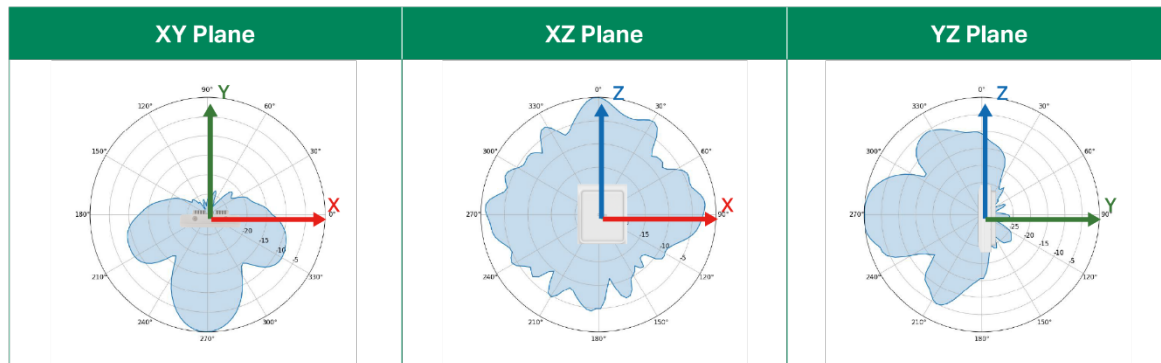
Antenna Radiation Patterns

Internal Antenna

2.4 GHz

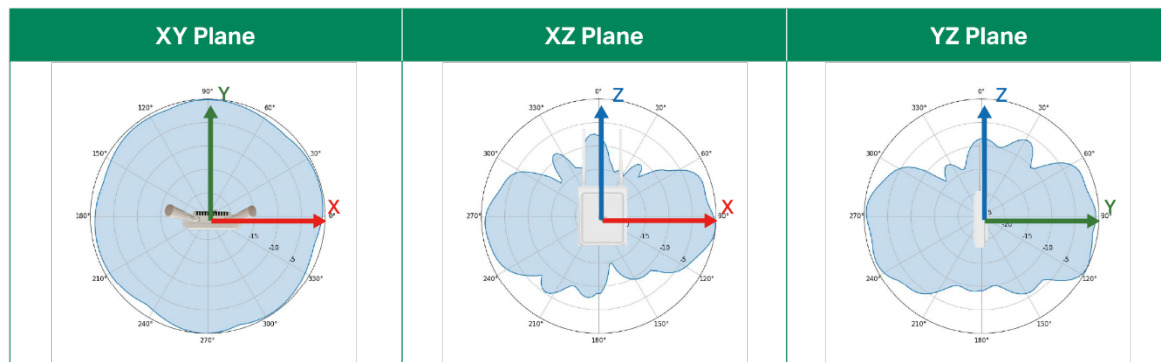


5 GHz

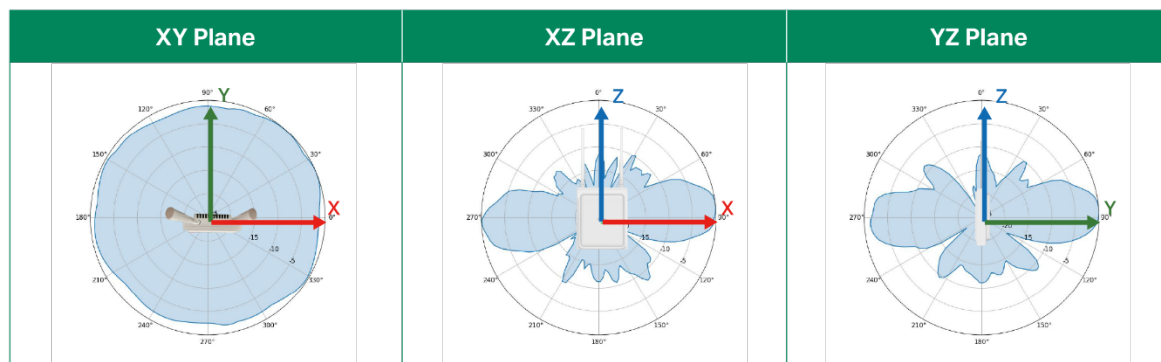


External Antenna

2.4 GHz



5 GHz



Package Contents

| Item | Quantity |
|--------------------|----------|
| EAP725-Outdoor | 1 |
| Waterproof Kit | 1 |
| Mounting Kit | 1 |
| Installation Guide | 1 |

Support Services

We are committed to providing you with comprehensive and reliable support services to ensure seamless experience with Omada products.

- Contact Support: <https://support.omadanetworks.com/#contact-us>
- Warranty Services: <https://www.omadanetworks.com/support/replacement-warranty/>

Revision History

| Version | Date | Description |
|---------|------------|------------------|
| V1.0 | 2025-09-19 | Initial release. |

[†]Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage are not guaranteed and will vary as a result of network conditions, client limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and client location.

[△]Omada Mesh, Seamless Roaming, Captive Portal, and Cloud Access require the use of an Omada controller. Please refer to the User Guides of Omada controllers for configuration methods.

*Use of Wi-Fi 7 (802.11be), Wi-Fi 6 (802.11ax), and features, including Multi-Link Operation (MLO), 240 MHz Bandwidth, 160 MHz Bandwidth, 4K-QAM, Multi-RUs, and OFDMA, requires clients to also support the corresponding features.

**Switching antenna modes via an Omada Controller requires version 6.1 or above.

* Some models featured in this guide may be unavailable in your country or region. Visit TP-Link website for local sales information: <https://www.omadanetworks.com>. Specifications are subject to change without notice.

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