Access Point EAP225

EAP225 AC1350 Ceiling Wi-Fi Hotspot

- Up to 1,317 Mbps in two Wi-Fi bands: up to 450 Mbps on 2.4 GHz and up to 867 Mbps on 5 GHz
- Fast roaming (802.11 k/v) provides high mobility
- Omada Mesh technology provides wireless connectivity between access points over a long distance, making their installation more convenient and flexible.
- Software-based EAP Controller for easy management of multiple access points
- Supports Power over Ethernet (802.3 af) and passive PoE for easy placement and power delivery
- Guest authentication portal for Wi-Fi networks
- MU-MIMO provides simultaneous data transfer to multiple clients, speeding up their connection.
- Beamforming amplifies the signal in the desired direction, providing faster and more stable Wi-Fi
- VLAN management support for improved network management
- Set up schedules for automatic reloading of access points and enabling / disabling Wi-Fi at the right time

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Hardware Specifications	
Interfaces	1 Gigabit Ethernet (RJ45) port (supports IEEE802. 3af PoE)
Physical lock connector	Yes
Button	Reset
Power supply	802.3 af/at PoE (mode A) 24V passive PoE (+4.5 pins; -7.8 pins. PoE adapter included)
Power consumption	12.6 W

Dimensions (W × L × H)	205.5 × 181.5 × 37.1 mm
Type and / or number of antennas	2.4 GHz: 3 built-in omni-directional 4 dBi antennas 5 GHz: 2 built-in omni-directional 5 dBi antennas
Placement	on the ceiling/wall (mounting kit included)
Wi-Fi Settings	
Wi-Fi Standards	IEEE 802.11ac/n/g/b/a
Frequency ranges	2400-2483. 5 MHz 5150-5350 MHz
Transfer Rate	* 2.4 GHz: 3 × 3 MIMO, up to 450 Mbps • 5 GHz: 2 × 2 MIMO, up to 867 Mbps
Wi-Fi Features	Multiple SSIDs (up to 16 SSIDs, 8 on each frequency) Enable / Disable Wireless broadcasting Automatic channel assignment Transmission Power Management (in dBm) QoS (WMM) Seamless Roaming * Omada Mesh* Band Steering MU-MIMO Load Balancing Airtime Fairness Beamforming Speed Limit Reboot Schedule Wireless Mode Schedule Wireless Mode Statistics for SSID/Access Point/Client
Wi-Fi network Protection	Authentication portal* Access Control MAC address filtering Isolating wireless clients Matching SSID - > VLAN Detecting unauthorized access points 802.1 X support
Transmitter power	< 20 dBm or < 100 MW
Management	
The Omada App	Yes
Centralized management	• Omada Hardware Controller OC300 • Omada Hardware Controller OC200 • Omada Software Controller • Omada Cloud-Based Controller (Supported by EAP225 V3.0, V4.0 and above, and is not supported by EAP225 V3.20)
Cloud access	Yes, through • OC300 • OC200 • Omada Software Controller • Omada Cloud-Based Controller (Supported by EAP225 V3.0, V4.0 and above, and is not supported by EAP225 V3.20)
Email notification	Yes
Managing indicators	Yes
SNMP	v1,v2c
System Log	Local / Remote system Log

SSH	Yes
Web-based management interface	HTTP/HTTPS
Level 3 Management	Yes
Managing different locations	Yes
VLAN Management	Yes
Automatic configuration of parameters	Yes
Other	
Certification process	CE, FCC, RoHS, GOST 17516.1-90
Scope of delivery	AC1350 Wireless Dual Band Gigabit Access Point EAP225 Passive PoE Injector Power Cable Mounting Kit Installation Guide
System requirements	Microsoft Windows XP, Vista, Windows 7, Windows 8, Windows10, Linux
Environmental parameters	Working temperature: 0℃ - 40℃ Storage temperature: -40℃ - 70℃ Air humidity during operation: 10% - 90%, non-condensing Storage humidity: 5% - 90%, non-condensing