

Access Point EAP230-Wall

EAP230-Wall AC1200 Wall-mounted Wi-Fi Access Point

- Two Wi-Fi bands:: Simultaneously 300 Mbit / s at 2.4 GHz and 867 Mbit / s at 5 GHz with a total Wi-Fi speed of up to 1167 Mbit / s and MU-MIMO
- Gigabit Ports: 2 Gigabit Ethernet ports (1 Uplink + 1 Downlink)
- Centralized Management: Cloud access and the Omada app for maximum convenience and easy management
- Connect in every room: designed for establishments with multiple spaces, such as hotels, offices, and dormitoriest
- Easy installation and PoE support: Simple mounting mechanism, compatible with standard EU junction box (86mm) and supports POE 802.3 af/at
- Secure Guest Network: With multiple authentication methods (SMS / Facebook Wi-Fi / voucher, etc.) and multiple Wi-Fi security technologies



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Hardware Specifications	
Interfaces	Uplink: 1 10/100/1000 Mbps Ethernet port Downlink: 1 10/100/1000 Mbps Ethernet port
Physical lock connector	No
Buttons	LED / Wi-Fi (Indicator/Wi-Fi) Reset (reset settings)
Power supply	802.3af/802.3at PoE
Power consumption	7 W

Dimensions (W × L × H)	86.8 × 86.8 × 30.2 mm
Antenna	2 dual-band antennas <ul style="list-style-type: none"><li>• 2.4 GHz: 2 4dBi antennas</li><li>• 5GHz: 2 3.6 dBi antennas</li></ul>
Placement	Built-in wall
Hardware Watch Dog	Yes
<b>Wi-Fi Settings</b>	
Maximum coverage area	25㎡(300 ft²)**
Maximum number of simultaneous Wi-Fi connections	200
Wi-Fi Standards	IEEE 802.11n/g/b/ac
Frequency ranges	2.4 GHz and 5GHz
Transfer Rate	2.4 GHz: 2x2 MIMO, up to 867 Mbps 5GHz: 2x2 MIMO, up to 300 Mbps
Wi-Fi Features	<ul style="list-style-type: none"><li>* 16 SSIDs (up to 8 SSIDs for each frequency)</li><li>• Enabling / disabling wireless broadcasting</li><li>• Automatic channel assignment</li><li>• Transmission power control (in dBm)</li><li>• QoS (WMM)</li><li>• Load balancing</li><li>• Speed Limit</li><li>• Scheduled restart</li><li>• Wireless mode schedule</li><li>• Wireless Mode Statistics for SSID / Access Point / Client</li><li>• MU-MIMO</li><li>• Band Steering</li><li>• Beamforming</li></ul>
Wi-Fi network Protection	<ul style="list-style-type: none"><li>* Authentication Portal</li><li>• Access control</li><li>• MAC address filtering</li><li>• Isolating wireless clients</li><li>• Matching SSID - &gt; VLAN</li><li>• Detecting unauthorized access points</li><li>• 802.1 X support</li><li>* 64/128/152-bit WEP / WPA / WPA2-Enterprise, WPA-PSK / WPA2-PSK encryption</li></ul>
Transmitter power	< 20 dBm or < 100 MW
<b>Management</b>	
The Omada App	Yes
Centralized management	<ul style="list-style-type: none"><li>• Omada Cloud Controller</li><li>• Omada Hardware Controller (OC300)</li><li>• Omada Hardware Controller (OC200)</li><li>• Omada Software Controller</li></ul>
Cloud access	Yes (via the OC300 or OC200 hardware controller, or via the Omada cloud or software controller)

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. Requiring the use of Omada Cloud-Based Controller
<b>Other</b>	
Certification process	CE, RoHS
Scope of delivery	<ul style="list-style-type: none"><li>• EAP230-Wall</li><li>• Installation Guide</li><li>• Mounting kit</li></ul>
System requirements	Microsoft Windows XP, Vista, Windows 7, Windows 8, Windows 10
Environmental parameters	<ul style="list-style-type: none"><li>• Operating temperature: 0 ... +40 °C</li><li>• Storage temperature: -40...+70 °C</li><li>• Operating humidity: 10-90%, non-condensing</li><li>• Storage humidity: 5-90%, non-condensing</li></ul>