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 dormitories
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

Detailed

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 - 2.4 GHz: 2 4dBi antennas - 5GHz: 2 3.6 dBi antennas
Placement	Built-in wall
Hardware Watch Dog	Yes
Wi-Fi Settings	
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	* 16 SSIDs (up to 8 SSIDs for each frequency) • Enabling / disabling wireless broadcasting • Automatic channel assignment • Transmission power control (in dBm) • QoS (WMM) • Load balancing • Speed Limit • Scheduled restart • Wireless mode schedule • Wireless Mode Statistics for SSID / Access Point / Client • MU-MIMO • Band Steering • Beamforming
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 * 64/128/152-bit WEP / WPA / WPA2-Enterprise, WPA-PSK / WPA2-PSK encryption
Transmitter power	< 20 dBm or < 100 MW
Management	
The Omada App	Yes
Centralized management	• Omada Cloud Controller • Omada Hardware Controller (OC300) • Omada Hardware Controller (OC200) • Omada Software Controller
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
Other	
Certification process	CE, RoHS
Scope of delivery	• EAP230-Wall • Installation Guide • Mounting kit
System requirements	Microsoft Windows XP, Vista, Windows 7, Windows 8, Windows 10
Environmental parameters	• Operating temperature: 0 ... +40 ℃ • Storage temperature: -40...+70 ℃ • Operating humidity: 10-90%, non-condensing • Storage humidity: 5-90%, non-condensing