

Access Point EAP223

EAP223 AC1350 Ceiling Wi-Fi Hotspot

Two Wi-Fi bands — up to 450 Mbps on 2.4 GHz and up to 867 Mbps on 5GHz1
 Centralized management — the ability to manage via the cloud or the Omada app
 Seamless roaming — no communication disruptions when moving, even during voice and video calls
 PoE Power — Supports 802.3 af/at and Passive PoE (PoE adapter sold separately)
 Secure guest network — multiple authentication methods (via SMS, vouchers, and more) and security features
 Advanced technologies-including MU-MIMO, Band Steering, Airtime Fairness, and Beamforming



Detailed

Hardware Specifications	
Interfaces	Gigabit Ethernet (RJ45) port with IEEE802.3af and Passive PoE support
Physical lock connector	Yes
Buttons	Reset (reset settings)
Power supply	* POE 802.3 af/at * Passive PoE 48 V (+ : pins 4 and 5;-: pins 7 and 8.) The PoE adapter is sold separately.
Power consumption	9.7 W
Dimensions (W × L × H)	205.5 × 181.5 × 37.1 mm
Antenna type	2.4 GHz: 3 built-in omni-directional 4 dBi antennas

	5 GHz: 2 built-in omni-directional 5 dBi antennas
Placement	Ceiling/wall mounting (mounting kit included)

WI-FI SETTINGS	
Wi-Fi Standards	IEEE 802.11ac/n/g/b/a
Frequency ranges	2.4 GHz and 5GHz
Transfer Rate	<ul style="list-style-type: none"> * 2.4 GHz: up to 450 Mbps (3 × 3 MIMO) • 5GHz: up to 867 Mbps (2×2 MIMO)
Wi-Fi Features	<ul style="list-style-type: none"> * Multiple SSIDs (up to 15 SSIDs: up to 8 for 2.4 GHz, up to 7 for 5 GHz) * Enable / Disable wireless broadcasting <ul style="list-style-type: none"> • Automatic channel assignment • Transmission power adjustment (in dBm) • QoS (WMM) * Seamless roaming <ul style="list-style-type: none"> • Omada Mesh • Band Steering • Load Balancing • MU-MIMO • Airtime Fairness • Beamforming • Speed Limit • Scheduled reboot • Scheduled Wi-Fi • Wireless mode statistics for SSID/Access Point/Client
Wi-Fi network protection	<ul style="list-style-type: none"> * Authentication Portal <ul style="list-style-type: none"> • Access control • MAC address filtering • Isolating wireless clients • Matching SSID → VLAN • Detecting unauthorized access points • 802.1 X Support • WPA-Personal/Enterprise, WPA2-Personal/Enterprise, WPA3-Personal/Enterprise Encryption
Transmitter power	< 20 dBm or < 100 MW

Management	
The Omada App	Yes
Cloud access	Yes
Email notification	Yes
Managing indicators	Yes
Managing access control by MAC address	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
Scope of delivery	<ul style="list-style-type: none"> • Access point • Mounting kit • Installation guide
System requirements	Microsoft Windows XP, Vista, Windows 7, Windows 8, Windows 10, Windows 11, Linux
Environmental parameters	<ul style="list-style-type: none"> • Operating temperature: 0...+40 °C • Storage temperature: -40...+70 °C • Operating humidity: 10-90 % non-condensing • Storage humidity: 5-90 % non-condensing