

WIRELESS AP

AP306 AX3000 Wi-Fi 6 Ceiling Access Point

Model AP306



AP306 dual-band AX3000 ceiling access point with a MediaTek MT7981B processor, Gigabit PoE, Mesh backhaul and support for up to 128 users.

Features

- 802.11AX WIFI6 2.4G&5.8G 3000M Indoor Wireless Ceiling AP
- MTK chipset Dual core 1.3GHz, MT7981B, 2Gb DDR3, 128Gb norFlash, access 128 users
- 2.4G internal 4.5 dBi x2 PCS, 5G internal 6dBi x3 PCS, All-directional Omni
- Supports AP mode, DHCP routing, up to 128 users, Wi-Fi hotspot and MESH backhaul
- 11AX 2.4GHz 574Mbps+5.8GHz 2400Mbps
- 1x Gigabit Port/POE
- Support 48V300mA /802.3af/at, 12VDC
- WEB management, local firmware upgrade or centralized online upgrade; WPA/WPA2/WPA3 with mixed-user access

Hardware Specifications

Model	AP306
Wi-Fi standard	Wi-Fi 6 5.8 GHz IEEE 802.11ax/ac/n/a 2.4 GHz IEEE 802.11ax/n/b/gAt
Wireless speed	AX3000 5 GHz: 2400 Mbps (802.11ax, HE160) 2.4 GHz: 574 Mbps (802.11ax)
Antenna	5GHz 6 dBi, Omni-directional 2.4 GHz 4.5 dBi, Omni-directional
Max EIRP	5 GHz 32 dBm 2.4 GHz 30.5 dBm EIRP may be limited by country regulations
SOC	Dual core 1.3GHz,MT7981B
RAM	2Gb DDR3
FLASH	128Gb norFlash
Interface	1× Gigabit Port/POE,1 x DC
LEDs	SYS
Overall dimensions	210 x 22.3 mm (with an installation bracket of 8 mm)
Work environment	Operating temperature: -10°C to 45°C Storage temperature: -40°C to 70°C Operating humidity: 10% to 90%RH (no condensation) Storage humidity: 5% to 90%RH (no condensation)
Protection level	15KV ESD
Power consumption	≤10W
Power supply method	48V300mA /802.3af/at,12VDC
Packaging accessories	1 AP 4. Install screws 1. User manual 1. Warranty card

Software Specifications

Work mode	AP access point
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DHCP routing

Total number of users connected to the entire system	128
Networking method	WiFi hotspot

MESH backhaul

Management approach	WEB management
Wireless Security	WPA,WPA2,WPA3,and Pre-RSNA users are mixedly accessing the network.
System update	WEB Local upgrade,centralized management of online upgrade



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