

## WIRELESS AP

# AP306X AX3000 Wi-Fi 6 Ceiling Access Point

Model AP306X



AP306X dual-band AX3000 ceiling access point with a Qualcomm processor, Gigabit PoE, Mesh backhaul and WPA3 security for indoor wireless networks.

## Features

- 802.11AX WIFI6 2.4G&5.8G 3000M Indoor Wireless Ceiling AP
- Qualcomm chipset Dual -core A53(64bit,vB ISA)@1.0GHz , 4Gb DDR3,1Gb nand Flash, access 254users
- 2.4G internal 3.5 dBix2PCS, 5G internal 5dBi x3PCS , All-directional Omni
- Supports AP mode, DHCP routing, up to 254 users, Wi-Fi hotspot and MESH backhaul
- 11AX 2.4GHz 574Mbps+5.8Ghz 2400Mbps
- 1× Gigabit Port/POE
- Support 48V350mA/ 802.3af/at,12VDC
- WEB management, local firmware upgrade or centralized online upgrade; WPA/WPA2/WPA3 with mixed-user access

## Hardware Specifications

|                       |                                                                                                                                                                              |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                 | AP306X                                                                                                                                                                       |
| Wi-Fi standard        | Wi-Fi 6<br>5.8 GHz IEEE 802.11ax/ac/n/a<br>2.4 GHz IEEE 802.11ax/n/b/g                                                                                                       |
| Wireless speed        | AX3000<br>5 GHz:2400 Mbps (802.11ax,HE160)<br>2.4 GHz:574 Mbps (802.11ax)                                                                                                    |
| Antenna               | 5GHz 5 dBi,Omn-directional<br>2.4 GHz 3.5 dBi,Omn-directional                                                                                                                |
| Max EIRP              | 5 GHz 31 dBm<br>2.4 GHz 29.5 dBm<br><b>EIRP may be limited by country regulations</b>                                                                                        |
| SOC                   | Dual-core A53(64bit,vB ISA)@1.0GHz                                                                                                                                           |
| RAM                   | 4Gb DDR3                                                                                                                                                                     |
| FLASH                 | 1Gb nand Flash                                                                                                                                                               |
| Interface             | 1× ETH/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<br>Operating humidity:10% to 90%RH (no condensation)<br>Storage humidity:5% to 90%RH (no condensation) |
| Protection level      | 15KV ESD                                                                                                                                                                     |
| Power consumption     | ≤13W                                                                                                                                                                         |
| Power supply method   | 48V300mA /802.3af/at                                                                                                                                                         |
| Packaging accessories | 1 AP<br>4.Install screws<br>1.User manual<br>1.Warranty card                                                                                                                 |

## Software Specifications

|           |                 |
|-----------|-----------------|
| Work mode | AP access point |
|-----------|-----------------|

## DHCP routing

|                                                      |              |
|------------------------------------------------------|--------------|
| Total number of users connected to the entire system | 254          |
| 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          |



## Contact us

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