

WIRELESS AP

AX3000 Wi-Fi 6 Outdoor Access Point with IP67 Protection

Model APO306X

Boost network capacity with our IP67 Outdoor Wi-Fi 6 AP. Delivers AX3000 speeds, 2.5G SFP backhaul, and supports 250 users. Perfect for large scale OEM projects.

Features

- 802.11ax (Wi-Fi 6) 2.4GHz & 5.8GHz 3000Mbps Outdoor Wireless AP
- Qualcomm chipset, 128MB DDR2 RAM, 16MB Flash, supports up to 250 concurrent users
- IP67 rated, weather and dust sealed
- 11AX Dual-Band Speed: 2.4GHz up to 574Mbps + 5.8GHz up to 2402Mbps, total up to 2976Mbps
- Network Interface: 1 × Gigabit Ethernet (RJ-45), supports IEEE 802.3af/at PoE ; 1 × 2.5G SFP port for high-throughput backhaul
- Support AP controller

Hardware

Model	APO306X
Wireless Standards	Wi-Fi 6 : 5.8 GHz IEEE 802.11ax/ac/n/a 2.4 GHz IEEE 802.11ax/n/b/g
Signal Rate	AX3000 : 5 GHz: 2402 Mbps (802.11ax, HE160) 2.4 GHz: 574 Mbps (802.11ax)
Antenna	5GHz 5 dBi, External Omni Waterproof 2.4GHz 4.3 dBi, External Omni Waterproof
Max EIRP	5 GHz 32 dBm 2.4 GHz 31.3 dBm * EIRP may be limited by country regulations
Receiver sensitivity	2.4G : 802.11b : -96dBm@1Mbps , -89dBm@11Mbps 802.11g : -92dBm@6Mbps , -76dBm@54Mbps 802.11n: HT20: -90dBm@MCS0 , -74dBm@MCS7 HT40: -89dBm@MCS0 , -72dBm@MCS7 5.8G: 802.11a : -93dBm@6Mbps , -76dBm@54Mbps 802.11n : HT20 : -91dBm@MCS0 , -74dBm@MCS7 HT40 : -90dBm@MCS0 , -72dBm@MCS7 802.11ac: VHT80: -90dBm@MCS0 , -62dBm@MCS9 802.11ax: HE80: -88dBm@MCS0 , -58dBm@MCS11 HE160: -87dBm@MCS0 , -56dBm@MCS11
SOC	1.0 GHz Quad-Core CPU
RAM	4Gb DDR3
FLASH	1Gb NAND FLASH
Interface	1 Gigabit Ethernet (RJ-45) Port (supports IEEE 802.3af/at PoE) 1 2.5G SFP
LEDs	1 Power Light 1 ETH Light 1 SFP Light 3 WiFi Signal Lights
Dimensions (W x D x H)	216 x 102 x 42 mm (without antenna & mounting kit) 381 x 102 x 62 mm (with antenna & mounting kit)
Environment	Operating Temperature : -30°C ~ 70°C Storage Temperature : -40°C ~ 70°C Operating Humidity : 10% ~ 90%RH non-condensing Storage Humidity : 5% ~ 90%RH non-condensing
surge protection	6KV
Protection Grade	IP67
Power Consumption	≤15W
Power Supply	802.af/at POE
Button	Reset
Package Contents	1AP 1 Passive PoE Adapter(Optional) 2 5dBi antenna 1 Quick Installation Guide 1 CAT 5E

Software

Operating Mode	Access Point
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Client

Number of access users	254 user
Networking Mode	WiFi Hotspot

MESH Backhaul

Vlan	802.Q vlan
Centralized Management	Web Management
Wireless Security	WPA、 WPA2、 WPA3 Encryption
System Upgrade	WEB Local Upgrade, Centralized Online Upgrade



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