

AX3000 Outdoor High-Power Wireless AP



Product Features

- High-performance dual-chip solution with a powerful dual-core processor for improved wireless speed, network capacity, and stable signal transmission.
- 3000Mbps wireless transmission rate with WiFi 6 standard.
- Dual-band concurrent: supports 2.4GHz and 5.8GHz, stronger anti-interference, faster and more stable transmission.
- Supports Router, AP, and Repeater modes for flexible deployment in different environments.
- Supports seamless roaming, auto channel selection, and weak signal elimination.
- Supports IPv6 network.
- Equipped with 5 external 8dBi fiberglass omnidirectional antennas for wide coverage.
- Built-in high-power amplifiers and signal enhancement receivers for higher sensitivity and extended coverage.
- Compliant with IEEE 802.3af/at standard, supports 48V standard POE power supply, with cable length up to 100 meters.
- Gigabit Ethernet port for full utilization of gigabit broadband without speed limits.
- Large memory supports 200+ concurrent users with stable performance and no interference.

AX3000 Outdoor High-Power Wireless AP

- IP67-rated weatherproof housing with dust, water, and corrosion resistance.
- Built-in lightning protection with 15KV ESD protection to withstand harsh outdoor environments.
- Suitable for scenic areas, residential communities, schools, factories, and various outdoor applications.

Product Specifications

Product Name		AX3000 Outdoor High-Power Wireless AP
Model Number		EP-AP2627
Hardware Specifications		
Hardware Specifications	Main Chip	MT7981B+MT7976DAN
	Memory	256MB DDR3
	FLASH	16MB
	PA	Built-in high-power PA
Wireless Specifications	Protocols	2.4GHz: IEEE 802.11 b/g/n/ax; 5GHz: IEEE 802.11 a/n/ac/ax
	Frequencies	2.4GHz: 2.412 - 2.472GHz; 5GHz: 5.180 - 5.825GHz
	Speed	2.4GHz: up to 574Mbps; 5GHz: up to 2402Mbps
	TX Power	2.4GHz: 19dBm \pm 1dBm; 5.8GHz: 21dBm \pm 1dBm
	Antenna Gain	2.4GHz: 3*8dBi omnidirectional; 5GHz: 2*8dBi omnidirectional
Interfaces	Network Port	1*10/100/1000Mbps WAN/LAN (POE supported)
	Button	1*Reset
Indicators	LED	SYS status indicator
Power&Consumption	Power Supply	48V POE (IEEE 802.3af/at)
	Consumption	< 15W

AX3000 Outdoor High-Power Wireless AP

Accessories	Device	1*AX3000 Outdoor AP
	Power Adapter	1*48V / 0.5A POE Adapter
	Documents	1*User Manual, 1*Warranty Card, 1*Certificate
Appearance&Packaging	Product Size	241mm*36mm*640mm (L*W*H, including antenna)
	Package Size	435mm*325mm*87mm (L*W*H)
	Carton Size	672mm*464mm*454mm (L*W*H)
	Units per Carton	10Pcs
	Color	White
	Gross Weight	< 2.2kg
Others	Protection	IP67
	Lightning Protection	Built-in, 15KV ESD
	Coverage Range	0~400 meters
	Operating Environment	Operating Temp: -40℃~55℃ Storage Temp: -40℃~70℃ Operating Humidity: 10% - 90% RH non-condensing Storage Humidity: 5% - 95% RH non-condensing
Software Specifications		
Operating Modes	Router, AP, Repeater	
System Status Display	Supported	
Network Features	Internet Modes	PPPOE、STATIC、DHCP
	Auto Internet Mode Detection	Supported
	MAC Cloning	Supported
	Network Status Display	Supported
	WAN Configuration	Supported
	LAN Configuration	Supported
	DHCP Configuration	Supported
	IPv6 Configuration	Supported
Wireless Features	Wireless Toggle	Supported
	SSID Settings	Modify, Broadcast, Hide
	Wireless Modes	2.4GHz: 802.11b/g/n/ax; 5GHz: 802.11a/n/ac/ax

AX3000 Outdoor High-Power Wireless AP

	Wireless Bandwidth	2.4GHz: 20/40MHz; 5GHz: 20/40/80/160MHz
	Country Code Settings	Debug/China/US/EU/UAE/Brazil/India
	Channel Settings	Auto/Manual
	Encryption	WPA2PSK、WPAPSKWPA2PSK、 WPA2PSKWPA3PSK
	Seamless Roaming	Supported
	Weak Signal Management	Supported
	Black/White List	Supported
	WMM	Supported
Max Users	2.4G	100+
	5G	100+
Terminal Management	Terminal Management	Supported
QoS	QoS Settings	Supported
Firewall	IP/Port Filtering	Supported
	MAC Filtering	Supported
	URL Filtering	Supported
	Port Mapping	Supported
	Wan Ping	Supported
	DMZ	Supported
	UPNP	Supported
	Static Routing	Supported
System Manageme	Web UI	Chinese/English
	Admin Password	Supported
	NTP Settings	Supported
	Firmware Upgrade	Supported
	Logs	Supported
	Scheduled Reboot	Supported
	Scheduled Reboot	Supported
System Tools	Ping Test	Supported
	DHCP Test	Supported

AX3000 Outdoor High-Power Wireless AP

Product Size

