
Product Datasheet

XAP3000GE

3000M Dual-Band Gigabit Wireless Ceiling AP



1、 PRODUCT OVERVIEW AND FEATURES

Product Overview:

XAP3000GE is a high-performance, high-speed 11ax indoor dual-band ceiling mounted AP that can provide 2.4G and 5GHz dual-band wireless high-speed access services. 2.4G can provide a maximum access rate of 300Mbps, and 5G can provide a maximum access rate of 2404Mbps. It is suitable for various crowded scenarios, such as: high-speed railway stations, subway stations, air-terminal, hotels, hospitals, schools, scenic spots, docks, shopping malls and other application scenarios.

Product Features:

- Compliant with IEEE 802.11a/b/g/n/ac/ax standard protocols
- Compliant with IEEE802.3, IEEE802.3u, IEEE802.3ab standard protocols
- Dual-core high-performance main chip processorDual-band wireless concurrent rate 2976Mbps
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- Support WPA-PSK, WPA2-PSK, WPA-PSK+WPA2-PSK, WPA3-SAE encryption
- 2 10/100/1000Mbps adaptive network ports

2、TECHNICAL SPECIFICATION

Product Name	AX3000 WIFI6 Dual-Band Gigabit Wireless Ceiling				
Product Model	XAP3000GE				
Hardware Specifications					
CPU	MT7981BA+7976CN+EN8801 CPU dual core 1.3GHz				
DDR3	256MB				
FLASH	NORFLASH 16MB				
Wireless Protocol Standards	2.4G: support IEEE 802.11 b/g/n/ac/ax 5G: support IEEE 802.11 a/ n/ac/ax				
Wireless Working Frequency Band	2.4GHz: 2.412GHz~2.472GHz 5GHz: 5.180GHz~5.825GHz				
Wireless Maximum Rate	2.4G provides a maximum access rate of 600Mbps 5G provides a maximum access rate of 2402Mbps				
2.4G Transmit Power	802.11b	11M	24±2 dBm	1M	24±2 dBm
	802.11g	54M	21±2 dBm	6M	23±2 dBm
	802.11n HT20	MCS7	20±2 dBm	MCS0	22±2 dBm
	802.11n HT40	MCS7	20±2 dBm	MCS0	22±2 dBm
	802.11ax HE20	MCS11	18±2 dBm	MCS0	22±2 dBm
	802.11ax HE40	MCS11	18±2 dBm	MCS0	22±2 dBm
5G Transmit Power	802.11a	54M	19±2 dBm	6M	22±2 dBm
	802.11n HT20	MCS7	18±2 dBm	MCS0	21±2 dBm
	802.11n HT40	MCS7	18±2 dBm	MCS0	21±2 dBm
	802.11ac VHT20	MCS9	17±2 dBm	MCS0	21±2 dBm
	802.11ac VHT40	MCS9	17±2 dBm	MCS0	21±2 dBm
	802.11ac VHT80	MCS9	17±2 dBm	MCS0	21±2 dBm
	802.11ax HE20	MCS11	17±2 dBm	MCS0	21±2 dBm
	802.11ax HE40	MCS11	17±2 dBm	MCS0	21±2 dBm
	802.11ax HE80	MCS11	17±2 dBm	MCS0	21±2 dBm
2.4G Receiving Sensitivity	802.11b	11M	-85dBm	1M	-90dBm
	802.11g	54M	-72dBm	6M	-90dBm
	802.11n HT20	MCS7	-70dBm	MCS0	-87dBm
	802.11n HT40	MCS7	-68dBm	MCS0	-85dBm
	802.11ax HE20	MCS11	-60dBm	MCS0	-83dBm
	802.11ax HE40	MCS11	-56dBm	MCS0	-83dBm
5G Receiving Sensitivity	802.11a	54M	-72dBm	6M	-92dBm
	802.11n HT20	MCS7	-70dBm	MCS0	-90dBm
	802.11n HT40	MCS7	-68dBm	MCS0	-88dBm
	802.11ac VHT20	MCS9	-70dBm	MCS0	-88dBm
	802.11ac VHT40	MCS9	-68dBm	MCS0	-88dBm
	802.11ac VHT80	MCS9	-58dBm	MCS0	-85dBm

	802.11ax HE20	MCS11	-62dBm	MCS0	-88dBm
	802.11ax HE40	MCS11	-58dBm	MCS0	-86dBm
	802.11ax HE80	MCS11	-55dBm	MCS0	-84dBm
2.4G EVM	802.11b; ≤-10dB; 802.11g; ≤-25dB; 802.11n; ≤-28dB; 802.11ax; ≤-35dB				
5G EVM	802.11a; ≤-25dB; 802.11n; ≤-28dB; 802.11ac; ≤-32dB; 802.11ax; ≤-35dB				
Frequency offset (ppm)	±20 ppm				
2.4G antenna	2 built-in antennas, gain: 4dBi				
5G antenna	2 built-in antennas, gain: 4dBi				
Network Interface	Two 10/100/1000M self-adaptation RJ45 interface, one of which supports 48V POE power supply				
Reset switch	1 RESET button (press and hold for 10-15 seconds to restore to default factory settings)				
Indicator Lights	POWER indicator light, LAN port indicator light; Three-color light (three different colors represent: SYS-red, 2.4G/WIFI-green, 5.8G/WIFI-blue)				
Power Supply Mode	Standard POE power supply, supporting 802.3at protocol; DC 12V 1.5A.				
Maximum Power Consumption of the Whole Machine	< 15W				
Product Size	168*168*25mm				
Net/Gross Weight	<0.3kg / <0.45kg				
Appearance Material	Imported high-quality high-temperature resistant PC material				
Appearance Color	White				
degree of protection	IP31				
Installation method	Ceiling installation				
Product Accessories	AX3000 WIFI6 dual-band ceiling wireless AP *1 Quick installation guide *1, warranty card *1, certificate *1				
Usage Environment	Working temperature: -10℃~55℃ Working temperature: -40℃~70℃ Working humidity: 10%~90%RH non-condensing Storage humidity: 5%~95%RH non-condensing				
Software Specifications					
Working Mode	Integrates FIT AP and FAT AP, FIT AP mode(FIT AP): managed by wireless controller (AC) FAT AP mode(FAT AP): managed by independent web page				
AC Unified Management	Support				

Wireless Functions	SSID Broadcast	Support
	SSID Hidden	Support
	the Chinese Language SSID	Support
	Multiple SSID	Support
	SSID Merger	Support 2.4GHz and 5.8GHz frequency bands combined into one common SSID
	Wireless Encryption	WPA、WPA2、WPA-PSK、WPA2-PSK
	User Isolation	Isolation between wireless networks, AP Internal Isolation
	Blacklist and Whitelist Management	Support MAC address blacklist and whitelist management
	Transmit Power Setting	Support 1dBm linear adjustment
	VLAN Settings	Support SSID and VLAN binding
	Wireless Client-side Number Limit	Support
	Seamless Roaming	Support
Maximum Number of Connected users	2.4G	120
	5G	120
System Management	Device Management	Full Chinese web management
	System Log	Support
	Configuration delivery	Support
	Remote Reboot	Support AC remote reboot
	Restore factory settings	Support
	Backup Configuration	Support
	Import Configuration	Support
	Software Upgrade	Support

3、CONTACT US



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