

Pro-6-M

AX3000 Indoor/Outdoor Wi-Fi 6 Access Point



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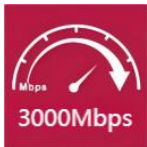
Product Introduction

Pro-6-M is designed to provide Wi-Fi 6 signal for yards, gardens, swimming pools, outdoor cafés, squares, parks, and similar locations. Adopting 11ax Wi-Fi 6 technology, it delivers fast wireless speeds of 2402 Mbps on the 5 GHz band and 574 Mbps on the 2.4 GHz band. The independent power amplifier and high-gain omnidirectional antenna enable it to provide long-range Wi-Fi 6 coverage. Both PoE 802.3at and passive PoE power supplies are supported, allowing flexible installation. Management via the ProFi Cloud platform and ProFi APP makes maintenance and management easy.

Key Features

- Dual-band wireless speed up to 3000 Mbps
- 1*GE Ethernet port
- Compliant with 802.3at PoE
- IP65 Weatherproof Rating
- 802.11k/v/r Roaming
- Unified managed by ProFi APP and cloud.

Product Feature



11AX 3000Mbps High-speed Wireless Access

Pro-6-M supports 11ax Wi-Fi 6 technology, delivering fast wireless speeds of 2402 Mbps on the 5 GHz band and 574 Mbps on the 2.4 GHz band. It also features a gigabit Ethernet port, allowing you to enjoy high-speed wireless connectivity and reliable internet access.



Wireless optimization with AP controller

Pro-6-M can perform wireless optimization with an IP-COM router and AP controller. In some cases, if the AP deployment distance is too close, an AP may become an interference source for adjacent APs. You can then adjust the APs' output power and channel using the wireless optimization function.

Product Feature



Fast roaming, always smooth

Work with IP-COM router or AP controller, the pro-6-M can support fast roaming between adjacent APs. The wireless end devices like mobile phone, pad or laptop can switch to the best Wi-Fi 6 signal when the end devices move between APs, It keeps the online voice call , online games, video call smoothly



Flexible installation with PoE power supply

Supports 802.3at standard PoE network cable power supply; no external power supply is required. A single network cable can be connected to the switch to provide both PoE power supply and data transmission. Plug and play – there is no need to consider socket location, power line routing, or similar issues. This allows for convenient wiring, flexible networking, and easier installation.



Easy to manage and maintain

Pro-6-M supports unified management by an AP controller and local router. It can also be managed via the ProFi App and cloud platform, allowing you to configure and monitor network status both locally and remotely from any location.



Specifications

Product Information	
Model	Pro-6-M
Category	Pole Mounting and Wall Mounting
Dimension	194.7* 83* 42.1 mm
Hardware Specifications	
Interface	1*10/100/1000 Mbps Ethernet Port (PoE)
Button	1*Reset
Power Supply	802.3at PoE, 48-51V Passive PoE
Maximum Power Consumption	16.8W
Port Surge Protection	6KV
Antenna	2*5dBid detachable omnidirectional
MIMO	2.4GHz, 2×2, MU-MIMO 5GHz, 2×2, MU-MIMO
Transmit Power	- CE: <20 dBm (2.4 GHz, EIRP), <23 dBm(5 GHz, EIRP) - FCC: <28 dBm (2.4 GHz), <26 dBm(5 GHz)
Reception Sensitivity	11b:-99dBm (1Mbps) 11a:-96dBm(6Mbps),-78dBm(54Mbps) 11g:-79dBm(54Mbps) 11n:20MHz:-96dBm(mcs0),-77dBm(mcs7) 11n:40MHz:-74dBm(mcs7) 11ax:20MHz:-67dBm(mcs11) 11ax:40MHz:-94dBm(mcs0),-64dBm(mcs11) 11ax:80MHz:-90dBm(mcs0),-59dBm(mcs11) 11ax:160MHz:-56dBm(mcs11)
Frequency Range	2412MHz-2472MHz,5150MHz- 5350 MHz, 5470 MHz-5.725 MHz, 5725 MHz-5850 MHz(country specific)
Standard & Protocol	IEEE 802.11 a/b/g/n/ac/ax
Maximum wireless speed	2.4 GHz: 574Mbps 5 GHz: 2402Mbps
Channel Bandwidth	2.4 GHz: Auto/20/40 MHz 5 GHz: Auto/20/40/80/160 MHz

Specifications

Software Specifications

Operating Mode	AP/Client+AP
Max. No. of SSID	2.4GHz: 8 5GHz: 4
Hide SSID	Supported
Max. Number of Clients	256
Recommended Clients	80
OFDMA	Supported
Beamforming	Supported
Fast roaming (802.11k/v/r)	Supported
MLO	/
WPA-PSK	Supported
WPA2-PSK	Supported
WPA	Supported
WPA2	Supported
WPA3-SAE	Supported
Access control	Supported
Adjustable power transmit	Supported
Automatic channel	Supported
AP isolation	Supported
Guest network	Supported
Connected clients control	Supported
RSSI Threshold	Supported
Weak signal terminal elimination	Supported
Prioritize 5 GHz	Supported
VLAN tagging for SSID	Supported
LED control	Supported
Device management	Web, Router, ProFi APP, AP Controller

Specifications

Software Specifications	
MU-MIMO	Supported
Diagnostics tool	Supported
Reboot at specified interval	Supported
Scheduled reboot	Supported
Firmware upgrade	Local upgrade Online upgrade
Reset	Supported
Backup configuration	Supported
Restore configuration	Supported
Others	
Management Address	ipcwifi.com 10.16.16.169
Operation Temperature	-30°C ~ 60°C
Operating Humidity	10%~90% non-condensing
Storage Temperature	-30°C ~ 70°C
Storage Humidity	5%~90% non-condensing
Port Surge	6KV



Scan for **IP-COM**
Technical Support

SHENZHEN IP-COM NETWORKS CO., LTD.

Room 101, Unit A, First Floor, Tower E3, No.1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China. 518052

Service: info@ip-com.com.cn

Inquiry: marketing@ip-com.com.cn

Tel: 86-755-27653089

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