

PAP-XM220 Indoor Wireless AP

Product Specification



Product Overview:

PAP-XM220 is a high-performance, high-speed indoor 802.11ac dual-band ceiling-mounted wireless access point, independently developed by Panabit. It features the latest enterprise-grade chipset, offering simultaneous 2.4G and 5G dual-band wireless services, with a maximum wireless speed of 1167Mbps and two Gigabit Ethernet ports, ensuring a cleaner and more stable wireless environment for reliable access.

Product Features:



Controller-Free Networking

With the Panabit Smart Application Gateway, no additional wireless controller (AC) is needed, lowering costs and minimizing potential failure points, for a streamlined network.



Smart Wireless Optimization

Unified AP and user status view, one-click AP RF and signal settings, and roaming assistance to address sticky client issues by disconnecting based on signal thresholds.



SD-WAN Networking

Supports Panabit's proprietary SD-WAN tunneling and traffic diversion, enabling cost-effective SD-WAN and standard network services.



Zero-Config Plug-and-Play

Supports out-of-the-box plug-and-play with zero configuration—just power up to connect to the network. Allows flexible switching between fat and thin modes without rebooting.



Wireless Security

User isolation ensures WLAN security. Scheduled signal availability disables wireless access after hours for added security during unattended times.



Remote Unified Management

Allows unified management via the Panabit gateway with multiple remote options, including private/public clouds and mobile apps, greatly boosting network management efficiency.

Specification:

RF Design	Dual-path dual RF (2.4G, 5G)
2.4G Frequency Band	2.4GHz – 2.484GHz
2.4G Wi-Fi Protocol	802.11b/g/n
5G Frequency Band	5.150GHz – 5.850GHz
5G Wi-Fi Protocol	802.11 a/n/ac
Spatial Streams	2.4G: 2 spatial streams, 2x2 MIMO 5G: 2 spatial streams, 2x2 MIMO
Antenna Type	Built-in antenna (basic gain 4dBi)
Transmission Speed	2.4G: 300Mbps, 5G: 867Mbps, Total: 1167Mbps
Wired Ports	2 x 10/100 Base-T Ethernet ports (uplink supports PoE input)
WLAN Features	Supports up to 16 SSIDs Each SSID can be configured with individual VLAN attributes Supports SSID names in both Chinese and English, with independent encryption settings and hiding options Support wireless roaming Supports OPEN and WPA2-PSK encryption
Max Wireless Access	256
Network Management	Unified management via Panabit Smart Application Gateway, supports private and public cloud management
Power Supply	PoE (48V 0.5A), compatible with 802.3at supports local DC power supply (12V 1A)
Reset Button	Supported (long press to restore factory settings)
Status Indicators	Supported
Max Power Consumption	< 8W
Dimensions	168mm * 168 mm * 32 mm
Environmental	Operating Temperature: -20°C to 55°C Operating Humidity: 5% to 95% RH (non-condensing)



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