

PAP-O2267 Outdoor Wireless AP

Product Specification



Product Overview:

PAP-O2267 is a high-performance, high-speed, dual-band outdoor AP developed by Panabit. It uses a Qualcomm enterprise-grade chip and an external high-gain, detachable omnidirectional antenna for stable, extended coverage. With an IP67-rated dustproof and waterproof casing and $\pm 6\text{KV}$ common-mode and $\pm 2\text{KV}$ differential-mode lightning protection, it's designed for various outdoor environments.

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	802.11 b/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	External, omnidirectional, detachable fiberglass antennas: 2.4G: 8dBi, 5G: 12dBi
Transmission Speed	2.4G: 300Mbps, 5G: 867Mbps, Total: 1167Mbps
Wired Ports	2 x 10/100/1000Base-T Ethernet ports (uplink supports PoE power 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 Supports monitoring of wireless air interface utilization
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
Reset Button	Supported (long press to restore factory settings)
Status Indicators	Supported
Max Power Consumption	< 20W
Dimensions	280*210*80mm
Protection Rating	IP67
Lightning Protection	Common-mode: ±6KV, Differential-mode: ±2KV
Environmental	Operating Temperature: -30°C to 55°C Operating Humidity: 5% to 95% RH (non-condensing)



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