



PA-3610



LINK AMERICAN STANDARD

Wi-Fi ACCESS POINT

Wi-Fi 6 Dual Band, Long Range Gigabit ACCESS POINT w/PoE

Scope of Application

PA-3610 is designed based on the new Wi-Fi 6 technology. It realizes a bandwidth of 160 MHz and a 5GHz rate as high as 2.4Gbps. The application of such new technologies as OFDMA, spatial multiplexing, and MU-MIMO drives the network capacity with greatly improving the throughput and bettering user experience. The high-power RF design helps maintain the quality of Wi-Fi signal even over a long distance, so that wireless clients and AP can work under the high-performance Wi-Fi 6 mode. PA-3610 is a perfect choice to deploy high-performance Wi-Fi networks.

PA-3610 can be powered by PoE sourcing equipment that compliant with IEEE 802.3af/at. With its ceiling installation design and sleek appearance, it simplifies wireless networking for enterprises, hotels and other public indoor spaces.

Features Highlight

Key Features

- IEEE 802.11a/b/g/n/ac/ax compliant
- Support IEEE802.3af/at
- Up to 3000 Mbps dual-band data rate
- 1 x Gigabit main RJ45 port with PoE
- 1 x Gigabit secondary data port
- Extend WiFi coverage area
- MU-MIMO which enable communication over 2:2 spatial streams for high throughput
- Support Web UI configuration
- Support wireless clients roaming to automatically connect to AP with a better signal
- FCC, CE and RoHS Compliant

Features Highlight

Product Features

Support Auto-MDI/MDIX

Adjusts automatically to straight-through or crossover on all 10/100/1000Base-T RJ45 port.

3 Gbps Wi-Fi, 2.5 times higher rate

Both the 2.4 GHz and the 5 GHz radio bands support the new Wi-Fi 6 standard and the concurrent Wi-Fi rate is as high as 3Gbps, 2.5 times that of the last-generation of AP (AC1200).

Higher capacity

Supporting OFDMA, SR, and MU-MIMO, 802.11ax greatly improves the system capacity compared with the last generation 802.11ac. With the TWT technology, AP can uniformly schedule the wakening and sleep of clients, significantly reducing client conflicts and unnecessary wakeups, and therefore is suitable for high-density crowd scenarios where large numbers of clients are deployed.

More than 20% wider Wi-Fi coverage

With the long OFDM symbol transmission mechanism and 2MHz narrowband transmission, the 802.11ax protocol significantly reduces packet loss rate and noise interference, and improves the receiving sensitivity of clients. In addition, PA-3610 adopts a high-specification RF amplifying circuit, greatly widening the Wi-Fi coverage.

Strong anti-interference capability

Supporting BSS coloring, dynamic CCA threshold and power control, the 802.11ax protocol significantly reduces the channel interference in high-density scenarios and improves the utilization rate of spectrum resources, improving the anti-interference capability compared with 802.11ac.

Higher security

The Wi-Fi 6 AP supports the new-generation WPA3 Wi-Fi encryption protocol. Under the WPA3 encryption protocol, even the simple password cannot be cracked, greatly enhancing the security of Wi-Fi networks.

Intelligent roaming protocol

Supporting the intelligent roaming technology based on the 802.11kv protocol, PA-3610 enables wireless clients to automatically connect to AP with a better signal, effectively enhancing the user experience.

Standard PoE supported

The efficient components and excellent hardware design guarantee the standard 802.3af/at power supply to 802.11ax dual-band gigabit AP.





Technical Data

Standards	
IEEE 802.3	10Base-T (Ethernet)
IEEE 802.3u	100Base-TX (Fast Ethernet)
IEEE 802.3ab	1000Base-T (Gigabit Ethernet)
IEEE 802.3af	Power over Ethernet (PoE)
IEEE 802.3at	Power over Ethernet Plus (PoE+)
IEEE 802.1Q	VLAN tagging
IEEE 802.11a/b/g/n/ac/ax	Wi-Fi Standard

Hardware Specifications	
Port	1 x 10/100/1000Base-T, RJ45 supports PoE 1 x 10/100/1000Base-T, RJ45 data port
Frequency band	2.4 GHz and 5 GHz
2.4 GHz Data Rate	Up to 574Mbps
5 GHz Data Rate	Up to 2402Mbps
Channel Width	20MHz / 40MHz / 80MHz / 160MHz
Button	Reset
LED indicator	Power
Max. Power Consumption	Full-load 15.74W

Software Specifications	
Operating mode	AP
Max. of SSID	2.4 GHz: 7, 5 GHz: 4
Max. connected clients	254 (2.4 GHz & 5 GHz)
Antenna gain	4 dBi
2.4 GHz max. output power	29 dBm
5 GHz max. output power	29 dBm
2.4 GHz RX sensitivity	-97 dBm
5 GHz RX sensitivity	-95 dBm

Security Mode	WEP
	WPA-PSK
	WPA2-PSK
	WPA3-SAE
	WPA-Enterprise
Encryption	WPA2-Enterprise
	AES/TKIP

Device Management	Web management interface (GUI), HTTP
	Scheduled reboot
	Reboot at specified interval
	Reboot by local and AC
	Reset by local and AC
	System logs
	Firmware upgrade by local and AC
	Backup configuration
	Restore configuration
Diagnostics tool (Frequency analysis, Ping)	

Network Management	SNMPv2
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Features	Access control (MAC address-based), Hide SSID, Adjustable power transmit, AP isolation, Connected clients control, RSSI threshold, WMM, VLAN tagging for SSID, 802.11k/v Roaming
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Mechanical and Environment	
Housing	Plastic
Dimensions (W x H x D)	250 x 250 x 55 (mm)
Appearance	Ceiling
Operating Temperature	-10°C to 45°C
Storage Temperature	-30°C to 70°C
Operating Humidity	10% to 90% RH (non-condensing)
Storage Humidity	10% to 90% RH (non-condensing)

Certifications	
EMC	FCC & CE Approved
Green Product	RoHS

Ordering Information	
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Note :

* Specifications subject to change without notice.

Application

