



PA-3220



Wi-Fi ACCESS POINT

AC 1200Mbps IP65 Outdoor / Indoor Gigabit ACCESS POINT w/PoE

Scope of Application

The PA-3220 gigabit dual-band indoor/outdoor access point, it offers a concurrent data rate as high as 1167 Mbps. Equipped with 2 omni-directional high-gain antennas, and provides extended Wi-Fi coverage area.

The PA-3220 can be installed either on the wall or around a pole. It can meet different requirements by connecting antennas of different specifications to the standard RP-SMA connectors. With the IP65 enclosure, it is designed for wireless coverage in factories, warehouses and other harsh outdoor environments.

Features Highlight

Key Features

- IEEE 802.11a/b/g/n/ac compliant
- Support IEEE802.3af/at
- Up to 1167 Mbps dual-band data rate
- 1 x Gigabit RJ45 port with PoE
- Extend WiFi coverage area
- Durable IP65 enclosure for outdoor Wi-Fi applications
- Detachable antennas and 2 RP-SMA connectors
- 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.

Gigabit internet connections for ultra-fast experience

Up to 1167 Mbps dual-band data rate, and the Gigabit Ethernet port offers you ultra-fast internet connections.

IP65 protection

Professional materials and design guarantee PA-3220 an IP65 enclosure for harsh environments both outdoors and indoors.

IEEE 802.11ac Wave 2 and MU-MIMO (2x2 MIMO)

Compliant with IEEE 802.11ac Wave 2 and powered by MU-MIMO technology, a single PA-3220 can communicate with multiple wireless clients simultaneously, leading to higher throughput.

2.4 GHz and 5 GHz bands for more connected clients

The dual-band wireless design allows clients that support 2.4 GHz and/or 5 GHz bands to connect to the AP at the same time, tripling the quantity of connected clients of traditional single-band AP.

High-gain omni-directional antennas

Equipped with two 5 dBi high-gain omni-directional antennas, PA-3220 provides extended Wi-Fi coverage area. It can meet different requirements by connecting antennas of different specifications to the standard RP-SMA connectors.

Built-in RF optimization

Featuring various anti-interference algorithms, the built-in RF enables PA-3220 to evenly allocate bandwidth resources for multiple users, filter interference, and optimize data rate, offering you a guaranteed signal strength and reliable wireless experience.

VLAN tagging for SSID

PA-3220 allows you to set multiple SSIDs, and the IEEE 802.1Q VLAN-compliant feature enables you to add VLAN tags for SSIDs, thus protecting the security of your network.

Standard PoE sourcing

PA-3220 can be powered by PoE sourcing equipment that compliant with IEEE 802.3af/at.





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 | Wi-Fi Standard |
| Hardware Specifications | |
| Port | 1 x 10/100/1000Base-T, RJ45 supports PoE |
| Frequency band | 2.4 GHz and 5 GHz |
| 2.4 GHz Data Rate | Up to 300Mbps |
| 5 GHz Data Rate | Up to 867Mbps |
| Button | Reset |
| LED indicator | System |
| Max. Power Consumption | Full-load 11.5W |
| Software Specifications | |
| Operating mode | AP, Client+AP (Repeater, Bridge, Bridge+AP) |
| Max. of SSID | 2.4 GHz: 8, 5 GHz: 4 |
| Max. connected clients | 200 (2.4 GHz & 5 GHz) |
| Antenna gain | 2 x 5dBi, RP-SMA Connector |
| 2.4 GHz max. output power | 23 dBm |
| 5 GHz max. output power | 23 dBm |
| 2.4 GHz RX sensitivity | -93 dBm |
| 5 GHz RX sensitivity | -93 dBm |
| Security Mode | WEP WPA-PSK WPA2-PSK WPA-Enterprise WPA2-Enterprise |
| Encryption | 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 |
| Features | Access control (MAC address-based), Hide SSID, Adjustable power transmit, AP isolation, Connected clients control, RSSI threshold, WMM, VLAN tagging for SSID, |

| Mechanical and Environment | |
|----------------------------|--|
| Housing | Plastic (IP65 Protection) |
| Dimensions (W x H x D) | 83 x 194.7 x 42.1 (mm) |
| Appearance | Pole Mounting, Wall Mounting |
| Operating Temperature | -20°C to 50°C |
| Storage Temperature | -30°C to 70°C |
| Optering Humidity | 10% to 90% RH (non-condensing) |
| Storage Humidity | 10% to 90% RH (non-condensing) |
| Lightning Protection | 6KV |
| Certifications | |
| EMC | FCC & CE Approved |
| Green Product | RoHS |
| Ordering Information | |
| PA-3220 | AC 1200Mbps IP65 Outdoor / Indoor Gigabit ACCESS POINT w/PoE |

Note :

* Specifications subject to change without notice.

Application

