PA-3220

AC1200 Dual Band Indoor/Outdoor Gigabit AP with PoE

Introduction

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.

Key Features

- IEEE 802.11 a/b/g/n/ac compliant
- Support IEEE802.3af/802.3at compliant
- Up to 1167 Mbps dual-band data rate
- Extend WiFi coverage area
- Support Web UI configuration
- 1 x Gigabit port with PoE

- Durable IP65 enclosure for outdoor Wi-Fi applications.
- MU-MIMO which enable communication over 2:2 spatial streams for high throughput
- Concurrent dual-band data rate up to 1167 Mbps (2.4 GHz: 300 Mbps; 5 GHz: 867 Mbps).
- Detachable antennas and 2 RP-SMA connectors.
- Supports to be centrally managed by LINK Wireless AP Controller (PA-3191) that includes AC functionality

Product Features

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

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-3120A can communicate with multiple wireless clients at the same time, letting you enjoy higher throughput and better experience.

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 802.11q VLAN-compliant feature enables you to add VLAN tags for SSIDs, thus protecting the security of your network.

Standard PoE sourcing for easy deployment
PA-3120A can be powered by PoE sourcing equipment that compliant with IEEE 802.3af/at.

Centralized management
PA-3220 can be centrally managed and configured through LINK Wireless AP Controller (PA-3191) that includes AC functionality, relieving the burdens of network administrators for management, configuration and monitoring of all access points.

Product Specifications

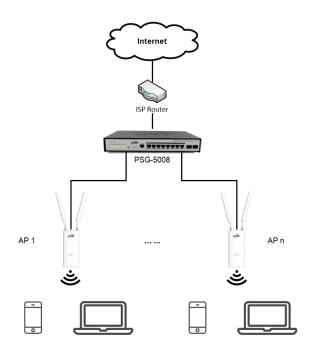| Product Information	
Model	PA-3220
Appearance	Pole Mounting and Wall Mounting
Dimensions	194.7 mm * 83 mm * 42.1 mm
Hardware Specifications	
Standard Compliance	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at IEEE 802.11a/b/g/n/ac
Ethernet Port	1 x 10/100/1000Base-T, RJ45 (support PoE, Auto MDI/MDI-X and Auto-Negotiation)
Frequency band	2.4 GHz, 5 GHz
2.4 GHz Data Rate	Up to 300Mbps
5 GHz Data Rate	Up to 867Mbps
Button	1 x Reset
LED indicator	1 x System
Max. Power Consumption	Full-load 11.5W
Waterproof Level	IP65
Lightning Protection	6KV
Antenna	2 x 5dBi, RP-SMA Connector
Software Specifications	
Operating mode	AP
Hide SSID	Supported
Max. of SSID	2.4 GHz: 8, 5 GHz: 4
Max. connected clients	2.4 GHz: 128, 5 GHz: 256
WEP	Supported
WPA-PSK	AES/TKIP
WPA2-PSK	AES/TKIP
WPA-Enterprise	Supported
WPA2-Enterprise	Supported
Access control	MAC address-based
Adjustable power transmit	Supported
Frequency analysis	Supported
AP isolation	Supported
Connected clients control	Supported
RSSI threshold	Supported
WMM	Supported
VLAN tagging for SSID	Supported (IEEE802.1q)
Transmission power	Adjustable by 1 dBm
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
Diagnostics tool	Ping

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Product Specifications

Software Specifications	
Scheduled reboot	Supported
Reboot at specified interval	Supported
SNMP	Supported (SNMPv2c)
Management	Web UI
System logs	Supported
Firmware upgrade	Local and AC upgrade
Reboot	Local and AC reboot
Reset	Local and AC reset
Backup configuration	Supported
Restore configuration	Supported
Operating Environment	
Default login IP address	192.168.0.254
Default user name	admin
Default password	admin
Operating temperature	-10°C to 45°C
Operating humidity	(10% - 90%) RH, non-condensing
Storage temperature	-30°C to 70°C
Storage humidity	(10% - 90%) RH, non-condensing
Certificates	
Certificates	CE, FCC and RoHS

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Stand Alone Management
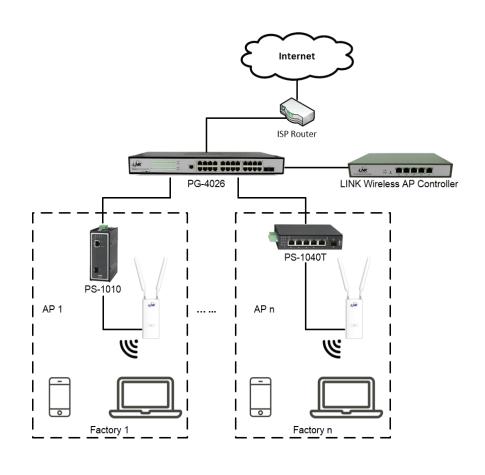

Wireless AP Controller Management

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