



Industrial Access Point 1167Mbps Dual-Band

GP-AP1200-Q-V6 Series



INDUSTRIAL NETWORK SOLUTION SPECIALIST
WWW.GPSENKE.COM



Introduction

GP-AP1200-Q-V6 Series is a high-performance, high-speed dual-band wireless industrial outdoor access point designed based on IEEE 802.11ac wave2. It used Qualcomm chipset and supports 802.11 b / g / n / ac , the speed up to 1167M.

GP-AP1200-Q-V6 Series compliant with IP67 waterproof and dustproof standards and approvals covering operating temperature, power input voltage, surge, ESD, and vibration. It can be widely used in wireless network coverage in industrial outdoor places such as oil&gas, Mining industry, Chemical Refinery factory, intelligent warehousing, automation factory, underground pipe gallery, school, park, scenic spot, amusement park and etc.

Main Feature

- Support 802.11 b / g / n Standard
- Support 802.11 ac Standard and 2-Streams 1167Mbps Speed
- Support Dual Band (2.4G+5G)
- Support AP FAT and AP FIT Switching.
- Support 4×4 MU-MIMO
- Support Open System, Shared Key, WPA, WPA-PSK, WPA2-Enterprise, WPA2-PSK
- Support Gigabit RJ45 Ethernet
- Support IEEE 802.3 af & at PoE Power Supply
- Support DC12V Power Supply
- Support Diversified Access Authentication Methods
- Support IP67 Protection-Level

Software Parameter

WLAN	Frequency Band	2.4GHz	5GHz
	Streams	2	2
	Channel Bonding	40MHz (Not Recommend)	80MHz
	MU-MIMO	NA	Support
	867 Mbps(PHY)	NA	Support
	300 Mbps(PHY)	Support	NA
	A-MPDU	Support	Support
	MLD	Support	Support
	MRC	Support	Support
	STBC	Support	Support
	LDPC	Support	Support
	MAX Virtual AP	Single Band-- Support 16 Virtual AP	
	Max Access Users	256 (Influenced by Environment Fators)	
	Max Access Spend	2.4GHz: 300 Mbps 5GHz: 867 Mbps	
	RTS/CTS	Support	
Working Mode	CTS-to-self	Support	
	Hidden SSID	Support	
	Terminal Aging/Heartbeat Detection	Support	
	AP Mode	Bridge Mode (LAY2) Router Mode (LAY3)	
RF	Client Mode	Support Client Mode Support MAC Address Clone	
	Load Balancing	Load balancing is supported based on the number of users and user traffic	
	5G Priority	Support	
	Automatic Channel Selection	Support	
	Automatic Power Regulation	Support	
	Intelligent Speed Select	Support	
	Time Fair Scheduling	Support	

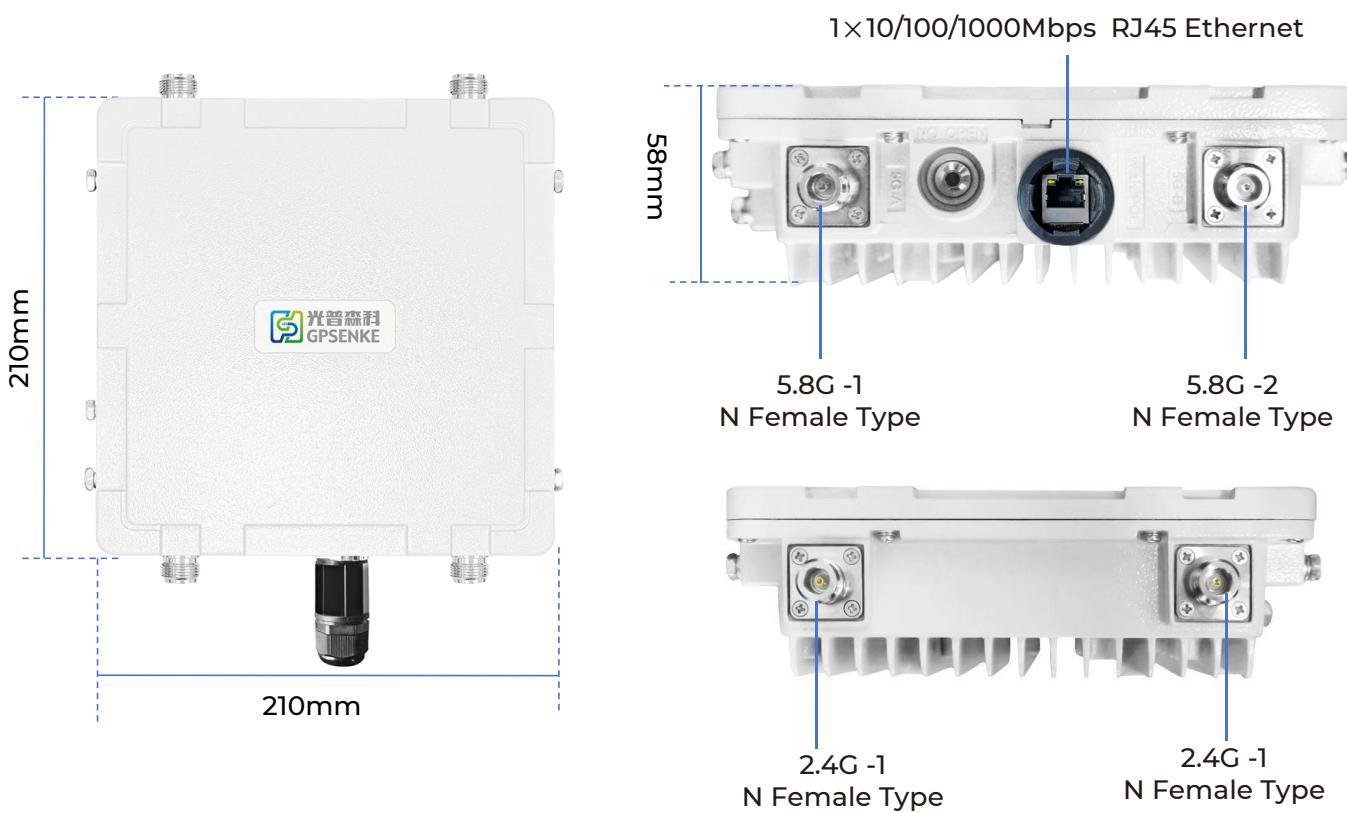
Roaming	Roaming Switch	Support 802.11k, 802.11v, 802.11r
		LAY2/LAY3 Roaming
Security	Encryption	Support 64/128 bit WEP、TKIP、CCMP、WAPI
	Authentication Method	Cooperate With AC Support WPA、WPA-PSK、WPA2- Enterprise、WPA2-PSK、WPA3、MAC address Verify、Web Verify、PPPoE Verification and etc Methods
	LAY2 Isolation of Wireless Users	Support
	wIDS	Support
AAA	RadiusClient	Support
	Authentication Server Multi-domain configuration	Support
	Authentication Server Backup	Support
LAY2/LAY3	IP Address	Static IP and DHCP dynamically obtain addresses
	IPv6	Support
	ACL	Support
	DHCP server	Support (Router Mode)
	NAT	Support (Router Mode)
Service Quality	WMM(802.11e)	Support
	Priority Mapping	Support
	QoS Policy Mapping	Support
	Bandwidth Managed	Support Bandwidth Speed Limitation based on SSID and Users
	Call Admission Control (CAC)	Support
Maintenance	Network Management	SNMPV1/V2c/V3、Trap、Telnet、FTP/TFTP、WEB

Hardware Parameter

Size		210mm × 210mm × 58mm (Not including waterproof connector)
Weight		3.2kg
Port	Ethernet	1 × 10/100/1000Base-T PoE/RJ45 Port
	Antenna	4* N Female Type
Working Band	2.4G	802.11 n/g/b: 2.4GHz-2.483GHz (CHINA)
	5G	802.11 ac/n/a: 5.150GHz-5.350GHz 5.725GHz-5.850GHz (CHINA)

Modulation Technology	OFDM : BPSK@6/9Mbps、QPSK@12/18Mbps、16-QAM@24Mbps、64-QAM@48/54Mbps DSSS : DBPSK@1Mbps、DQPSK@2Mbps、CCK@5.5/11Mbps MIMO-OFDM (11n) : MCS 0-15 MIMO-OFDM (11ac) : MCS 0-9
Modulation Method	11b: DSSS:CCK@5.5/11Mbps,DQPSK@2Mbps,DBPSK@1Mbps 11a/g: OFDM:64QAM@48/54Mbps,16QAM@24Mbps, QPSK@12/18Mbps,BPSK@6/9Mbps 11n: MIMO-OFDM:BPSK,QPSK,16QAM,64QAM 11ac/ac wave2: MIMO-OFDM:BPSK,QPSK,16QAM,64QAM,256QAM
MAX Transmit Power	25dBm
Adjustable Granularity	1dBm
Operating Temperature	-40°C ~ 75°C
Storage Temperature	-40°C ~ 85°C
Operating Humidity	0%~95% (Non-condensing)
IP Protection Level	IP67
Power Supply	Support 802.3at / DC12V Power Supply
Consumption(Client5.8G)	≤20W
MTBF	>250000H

Appearance & Accessories



Packing*1

Device*1

Antenna*4

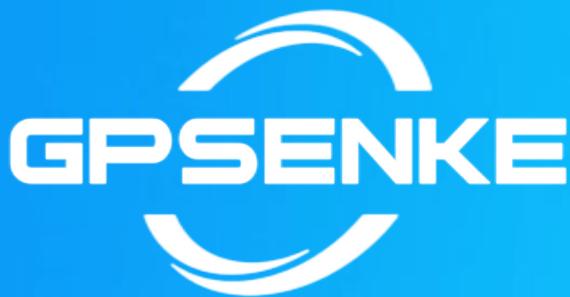
Accessories*1

Manual*1

Model Selection

Model	GP-AP1200-Q-V6
Speed	1167M
Antenna GP-Q2405 5dbi	●
Antenna GP-Q5805 5dbi	●

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