光普森科
GPSENKE

High Density Ceiling AP
Wi-Fi 7 9.335G Speed

GP-XD9400BE Series



INDUSTRIAL NETWORK SOLUTION SPECIALIST
WWW.GPSENKE.COM

Introduction

GP-XD9400BE Series is a high-performance, high-speed dual-band ceiling wireless access point.It utilizes the IEEE 802.11a/b/g/n/ac/ax/be standards, supporting dual-band operation at 2.4GHz and 5GHz with data rates up to 9.335Gbps. GP-XD9400BE features built-in MIMO, integrates 3* RF modules and supports 6-streams.

Combined with GPSENKE's proprietary anti-interference technology, the GP-XD9400BE Series delivers stable and high-performance wireless connectivity, making it particularly suitable for high-density user environments such as AR/VR interactive teaching, 4K/8K ultra-high-definition video streaming, multimedia applications, desktop cloud systems, digital classroom solutions, libraries, auditoriums, lecture halls, exhibition and convention centers.

Main Feature

- Support 802.11 b / g / n / ac /ax Standard
- Support 802.11 be standard with 6-Stream, speed up to 9.335 Gbps
  6 GHz / 5 GHz (2×2 MIMO, up to 5.765 Gbps)
  5 GHz (2×2 MIMO, up to 2.882 Gbps)
  2.4 GHz (2×2 MIMO, up to 0.688 Gbps)
- Seamless roaming with 802.11r/k/v and Layer 3 mobility
- Multiple AP modes and flexible forwarding options
- Support Multi-RU(Multiple Resource Units)
- Support MLO (Multilink Operation)
- Intelligent RF Resource Management
- Support IPv4/IPv6
- Support DTLS and CAPWAP encryption(WPA3, WPA2, 802.1X, PSK, MAC, Portal, SMS)
- Support DC12C & 802.3bt/at Power Supply
- Support ceiling & wall Mounting

Software Parameter

WLAN	Frequency Band	802.11be	802.11ax
	MLO	Support	-
	Multi-RU	Support	-
	Preamble Puncturing	Support	-
	TWT	-	Support
	BSS Color	-	Support
	MU-MIMO	-	Support
	OFDMA	-	Support
	A-MPDU	Support	
	MAX Virtual AP	Single Band-- Support 16 Virtual AP	
	Max Access Users	512 (Influenced by Environment Fators)	
	Max Access Spend	2.4GHz(0.688Gbps) 5GHz(2.882Gbps) 6GHz (5.765Gbps)/5GHz (2.882Gbps)	
	RTS/CTS	Support	
	CTS-to-self	Support	
	Hidden SSID	Support	
	Terminal Aging/Heartbeat Detection	Support	
Working Mode	AP Mode	Support FAT AP	
		Support FIT AP	
	Router Mode	Support Router Mode	
CAPWAP	AC Discovery Methods	Broadcast, DHCP Option, and DNS	
	IPv6 Tunneling	Support	
	NAT Traversal	Support	
	AP Failover	Existing Users Remain Online While New Users Can Still Access the Network via OPEN / PSK	
	DTLS Encryption	Support	
Roaming	Roaming Switch	Support 802.11k, 802.11v, 802.11r	
		LAY2/LAY3 Roaming	
AAA	RadiusClient	Support	
	Authentication Server Multi-domain configuration	Support	
	Authentication Server Backup	Support	

RF	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
Security	Encryption	Open, PSK, WPA, WPA2, WPA2-Enterprise, WPA3, WPA3-Enterprise, WAI(WAPI)
	Authentication Method	Cooperate With AC Support WPA, WPA-PSK, WPA2- Enterprise, WPA2-PSK, WPA3 , MAC address Verify, Web Verify, PPPoE, WAPI Verification and etc Methods
	LAY2 Isolation of Wireless Users	Support
	wIDS	Static Blacklist, Dynamic Blacklist, and Whitelist
		Rogue AP Detection Based on SSID, BSSID, and OUI
		Rogue AP Countermeasures / Mitigation
		Wireless Flooding Attack Protection
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	Bandwidth Speed Limitation based on SSID & Users
	Call Admission Control（CAC）	Support
Maintenance	Network Management	SNMPV1/V2c/V3、Trap、Telnet、FTP/TFTP、WEB

Hardware Parameter

Size		235mm * 235mm * 45mm
Port	Ethernet	1*2.5G RJ45 PoE+ Port + 1*1G RJ45 Port
	Fiber	1*10G SFP+ Fiber Port
	Antenna	Built-in 2.4G&5G&6G 4dBi 4*4 Omnidirectional Antenna
	USB	1* USB 3.0
Working Band	2.4G	802.11be/ax/b/g/n : 2.4GHz-2.483GHz
	5G	802.11be/ax/ac/n/a : 5.725GHz-5.850GHz; 5.15~5.35GHz
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 0-31 MIMO-OFDM(11ac)： MCS 0-9 MIMO-OFDM(11ax)： MCS 0-11 MIMO-OFDMA （11be）: MCS 0-13
Modulation Method		11b：DSS: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 11ax：MIMO-OFDM: BPSK,QPSK,16QAM,64QAM,256QAM,1024QAM 11be：MIMO-OFDM: BPSK,QPSK,16QAM,64QAM,256QAM,1024QAM, 4096QAM
MAX Transmit Power		24dBm
Adjustable Granularity		1dBm
Operating Temperature		-10°C ～ 55°C
Storage Temperature		-40°C ～ 70°C
Operating Humidity		5%~95%(Non-condensing)
Power Supply		Support 802.3 bt/at & DC12V Power Supply
Consumption		≤38W
MTBF		>250000H

Appearance & Accessories






Packing*1


Device*1


Ceiling/Wall Mount*1


Accessories



Warranty*1

Model Selection

Model	GP-XD9400BE
Speed	9.335 Gbps
Power	802.3 bt/at & DC12V Power Supply

INDUSTRIAL NETWORK
SOLUTION SPECIALIST

光普森科
GPSENKE

© GPSENKE(CHINA) | All rights reserved.
Update Time: 2025.6.1

This document and any part thereof may not be reproduced or used in any manner without the express written permission of GPSENKE (China).
Product specifications are subject to change without prior notice. Please visit our website for the latest product information.