WiFi 5 Access Point

Pulsar Uniti X5 Outdoor LR

SERIES
X5 Outdoor LR

Models
Pulsar Uniti

MAIN FEATURES

1. Dual-band concurrency, the maximum wireless concurrency rate can reach up to 1200Mbps
2. Supports Repeater mode and AP mode
3. Dual-Band wireless transmission
4. POE power supply
5. Remote management
6. Automatic RF Tuning
7. Seamless Roaming
8. AC management
9. Hardware Watchdog
10. Cloud Platform
11. Cable Ports Hidden Design
12. Surge protection
13. Full Gigabit ports faster transmission
14. Plastic IP65 dustproof/waterproof design
15. Built in 2 pieces antennas with an angle of 360°
16. High density deployment. Allow multiple terminals to access the internet simultaneously

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Hardware Specifications					
Flash	8MB				
DDR2	Built-in, 64MB				
2.4G frequency	2.4GHz − 2.484GHz				
2.4G WIFI Standard	802.11 b / g / n				
5G frequency	5.150GHz～5.850GHz				
5G WIFI Standard	802.11 a/ n / ac				
External dual-frequency antenna	22.4GHz / 5GHz omnidirectional dual-frequency antennas, each gain: 5 dBi				
Top speed	2.4G provides a maximum access rate of 300Mbps, and 5G to 866Mbps				
And 2.4G wireless power	802.11b				
	802.11g	54M	22±2dBm	6M	23±2dBm
	802.11n HT20	MCS7	20±2dBm	MCS0	23±2dBm
	802.11n HT40	MCS7	20±2dBm	MCS0	23±2dBm
5G wireless power	802.11a	54M	19±2dBm	6M	21±2dBm
	802.11n HT20	MCS7	17±2dBm	MCS0	21±2dBm
	802.11n HT40	MCS7	17±2dBm	MCS0	21±2dBm
	802.11ac HT80	MCS9	16±2dBm	MCS0	18±2dBm
2.4G reception sensitivity	802.11b	11M	-83dBm	1M	-94dBm
	802.11g	54M	-70dBm	6M	-88dBm
	802.11n HT20	MCS7	-68dBm	MCS0	-86dBm
	802.11n HT40	MCS7	-66dBm	MCS0	-84dBm
The 5G reception sensitivity	802.11a	54M	-70dBm	6M	-88dBm
	802.11n HT20	MCS7	-68dBm	MCS0	-86dBm
	802.11n HT40	MCS7	-66dBm	MCS0	-84dBm
	802.11ac HT80	MCS9	-56dBm	MCS0	-83dBm
2.4G EVM	802.11b：≤-10 dB；802.11g: ≤-25 dB；802.11n: ≤-28 dB				
5G EVM	802.11a: ≤-25dB；802.11n: ≤-28 dB；802.11ac: ≤-32 dB				
Rrequency deviation (ppm)	±20ppm				
Joggle (WAN)	110 / 100 / 1000M adaptive WAN port, supporting 48 VPOE				
Joggle (LAN)	110 / 100 / 1000M adaptive LAN port				
Key	Set key (press 6-10 seconds to restore factory default configuration)				
Status indicator light	PWR lamp, WAN port lamp, LAN port lamp, 2.4G lamp, 5.8G lamp				
DC	12V /1A DC				
POE	802.3at				
Maximum power dissipation	< 9W				
Levels of protection	IP65				
ESD	Air discharge + / -8K, contact discharge + / -6K				
Lurge	Co-mode 6K and difference mode 4K				

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Home page	Working mode:, fat AP mode and thin AP mode
	Wireless AP download rate, wireless AP upload rate, and runtime
	Equipment information, equipment description, Intranet information, and WIFI information
Support mode	Gateway mode: the device is connected to the WAN network through the WAN port and connected to the Internet using static IP, DHCP or PPPOE
	Relay mode: In this mode, the device overrides wireless network signals to other clients or devices and connects to other routers using the WAN
	AP mode: Devices cover wireless network signals over other clients and devices, and use Ethernet to connect to other routers for WAN access
Wireless function	SSID broadcasting
	SSID quantity: 4(2.4GHz) + 4 (5GHz), supporting Chinese SSID
	Hide the SSID functionality
	Wireless encryption: OPEN, WPA / WPA2PSK-TKIPAES, WPA3PSK-TKIPAES
	Wireless MAC address filtering: support whitelist
	Spectrum navigation (5G is preferred)
	WiFi is turned off
	User isolation: isolation between wireless networks and AP internal isolation
	Emission power setting
	Limited number of wireless clients
	QoS：WMM
Network function	Connection mode: static address, obtained from the management server, obtained from the gateway
	DHCP server: either built-in DHCP server or external DHCP server
	Cloud platform server
	Firewall function
	PPPOE function: support PPPOE dialing function
Device management	Backup Configuration Information
	Restore configuration information
	Factory data reset
	The boot includes timing restart and immediate restart
	Firmware upgrade
	Time management includes the system display time and time synchronization
	System log
	Fat and thin AP switching function
Size	
L*W*H	266mm*110mm*70mm
Weight	0.4kg
Working Environment	
Working Temperature:	-30℃~55℃
Storage Temperature	-40℃~70℃
Working Humidity	10%~90% No Condensation
Storage Humidity	5%~95% No Condensation