Wi-Fi6 3000Mbps High Power Outdoor Fiber AP

Model: BL3000HW

Description:

BL3000HW is high RF power, high speed, high performance Wi-Fi6 outdoor wireless access point SFP fiber port; With IP67 outdoor shell, Qualcomm IPQ5018 enterprise chipset, 2.4G+5.8G dual band, 3000Mbps data rate, support 802.1kvr seamless roaming, can access into 150+ users. With cloud central management system, it is high stability equipment for outdoor wireless coverage in sandy beach, scenic spot, park, playground ect...

Main Features:

- Outdoor metal shell, IP67 protection level, can be installed in any harsh environment.

- High performance enterprise CPU, world-wide branded electronic IC, allow 150+ users to access, performance better as the high quality.

- The wireless data rate up to 3000Mbps, support 48V active PoE, so easy apply to various network environments to achieve fiber to wireless signal.

- Support 802.11kvr seamless roaming, users automatically switch to high stability signal but no Wi-Fi dropping

- Support WPA3 and 802.1x advance encryption, guard wireless network security all the time
-
- Strong technical support, including customer LOGO or customer firmware development.

Technical Specification

Hardware Spec:	
Model	BL3000HW
WiFi Standard	IEEE 802.11b/g/n/ac/ax
Chipset	IPQ5018+6102+8337
Flash	8MB_SPI_NOR Flash+128MB_SPI_L NAND Flash
Memory	512MB
Frequency	2.4G: 2400 - 2484MHz
	5.8G: 5150 - 5850MHz
Data Rate	600Mbps @ 2.4GHz; 2400Mbps @5.8GHz
RF Power	2.4G 11b≥28dBm/chain, 11n HT20≥24dBm/chain, 11ac HT40≥23dBm/chain, 11ax HT40≥17dBm/chain 5.8G 11n≥27 dBm/chain; 11ac≥23 dBm/chain; 11ax≥18 dBm/chain;
Access Users	150+ Clients
Ethernet	1*SFP port(Optional)
	1* Gigabit RJ45 port, support 802.3at PoE
Button	Reset button
Antenna	External detachable 6dBi antenna
Power Consumption	<23W
Power Supply	PoE, IEEE 802.3at standard

Water-Proof	IP67 protection level
MTBF	≥85000H@25℃
Working temperature	Working Temperature:-30℃ ~ 65℃
	Storage temperature: -40℃ ~ 70℃
Humidity	5% ~ 95%
Firmware Features	
Operation mode	AP
Wireless Functions	Multiple SSID functions: 2.4GHz: 4; 5.8GHz: 4.
	Support SSID hidden
	Support seamless roaming, 802.11kvr standard.
	Support 5.8G Prior for a faster Ethernet.
	Support MAC filter
	Support client isolation to improve the wireless stability
VPN	VPN Passthrough and VPN Client (L2TP PPTP)
Security	Open, WPA, WPA2PSK_TKIPAES, WAP2_EAP, 802.1x, WPA3
IP Protocol	IPv4/IPv6
Device Management	GUI web management
	Support firmware back-up, restore, reset, upgrade
Packing List	BL3000HW*1 8dBi/12dBi omni antenna*4 Cat 6 LAN Cable×1 （1 meter） User Manual×1

Application Scene