APH4-BE3600 Product Specifications

Product Overview

YUNCORE® APH4-BE3600 is an entry-level dual-band 802.11be outdoor wireless access point product that can provide 2.4GHz and 5GHz dual-band wireless services. The 2.4GHz frequency provides a maximum access rate of 688Mbps, and the 5GHz frequency provides a maximum access rate of 2882Mbps.

Product Features

- Dual-band concurrent, the maximum wireless concurrent rate can reach nearly 3600Mbps.

- Supports both 48V PoE and 12V DC power supply.

- Equipped with high-gain dual-band antenna, it provides wide coverage.

- Small and stylish, easy to install.

Specifications	
2.4G Frequency Band	2.4GHz ~ 2.484GHz
2.4G WIFI Protocol	802.11 b/g/n/ax/be
5G Frequency Band	5.150GHz ~ 5.850GHz
5G WIFI Protocol	802.11 a/n/ac/ax/be
Antenna	Two external 2.4GHz/5GHz dual-band waterproof antennas, each with a gain of 5dBi
Wireless Speed	2.4GHz provides a maximum access rate of 688Mbps, and 5GHz provides a maximum access rate of 2882Mbps
Device Capacity	128
2.4GHz Tx Power	<24±2dBm
5GHz Tx Power	<23±2dBm

Interface (WAN)	1 10/100/1000/2500Mbps WAN port, support 802.3at input
Interface (LAN)	1 10/100/1000Mbps LAN port
Button	Reset button (press and hold for 6-10 seconds to restore to factory default settings)
Status Indicator	PWR light, WAN port light, LAN port light, 2.4GHz light, 5GHz light
Power Supply	PoE 802.3at, DC2.0 12V/2A
Power Consumption	< 20W
Dimensions	196mm×86mm×40mm
Net Weight	0.4kg
Work Environment	Normal operating temperature: -30℃ to 55℃ Storage temperature: -40℃ to 70℃ Humidity: 5% to 95% (no condensation)
Protection Level	IP65

Software Features	
Front Page	Working mode: Fat AP mode and Thin AP mode
	Wireless AP download rate, wireless AP upload rate, running time
	Device information, device description, intranet information, WIFI information
Support Mode	Gateway mode: The device is connected to the WAN through the WAN port and then accesses the Internet using static IP, DHCP or PPPoE
	AP mode: The device covers other clients and devices with wireless network signals and uses Ethernet to connect to other routers to access the WAN.
Wireless Capabilities	SSID Broadcast
	Number of SSIDs: 4 (2.4GHz) + 4 (5GHz), support Chinese SSID
	Hide SSID function
	Wireless encryption: OPEN, WPA/WPA2PSK-TKIPAES, WPA3PSK-AES
	Wireless MAC address filtering: support whitelist
	Spectrum navigation (5G first)
	WiFi timer off function
	User isolation: isolation between wireless networks and isolation within APs
	Transmit power setting
	Wireless client number limit
	QoS: WMM
Network Features	Connection method: static address, obtained from the management server, obtained from the gateway
	DHCP server: It can be a built-in DHCP server or an external DHCP server

Device Management	Cloud Platform Server
	Firewall function
	PPPoE function: Support PPPoE dial-up function
	Backing up configuration information
	Restore configuration information
	Restore factory settings
	Restart includes scheduled restart and immediate restart
	Firmware Upgrade
	Time management includes system display time and time synchronization
	System log
	Fat and thin AP switching function