HWAP-AX980-6E Product Specifications

Product Overview

YUNCORE® HWAP-AX980-6E is a high-performance, high-speed 11ax indoor tri-band ceiling AP that can provide 2.4GHz, 5GHz, and 6GHz tri-band wireless services. The 2.4GHz band provides a maximum access rate of 574Mbps, the 5GHz band provides a maximum access rate of 4804Mbps, and the 6GHz band provides a maximum access rate of 2882Mbps.

Product Features

- Better transmission quality, higher transmission rate, the whole machine concurrent rate can reach up to 8000Mbps.
- Supports 160MHz, greatly expanding user capacity and supporting 256 users.
- The heat sink adopts a snap-on structure design and special surface coating treatment, which makes the heat dissipation effect more ideal.
- The radio frequency uses a high-power external FEM, which has stable performance, wide wireless range and longer transmission distance.

Hardware Specifications	
2.4GHz Frequency Band	2.4GHz ~ 2.484GHz (802.11 b/g/n/ax)
5GHz Frequency Band	5.150GHz ~ 5.850GHz (802.11 a/n/ac/ax)
6GHz Frequency Band	5.925GHz ~ 7.125GHz (802.11 a / n / ac /ax)
External Antenna 2.4GHz	2 × 2.4GHz antenna, each gain: 4dBi
External Antenna 5GHz	2 × 5GHz antenna, each gain: 4dBi
External Antenna 6GHz	2 × 6GHz antenna, each gain: 4dBi
Wireless Speed	2.4GHz provides a maximum access rate of 574Mbps, and 5GHz provides a maximum access rate of 4804Mbps, 6GHz provides a maximum access rate of 2882Mbps
Device Capacity	256
2.4GHz Tx Power	<22±2dBm

5GHz Tx Power	<22±2dBm
6GHz Tx Power	<21±2dBm
Interface	1 × 10/100/1000/2500Mbps adaptive WAN port, support POE 48V/1A power supply; reset button(Press and hold for 6-10 seconds to restore to factory default settings)
Status Indicator	WAN light
Power Supply	PoE 802.3bt
Power Consumption	< 30W
Dimensions	295mm × 231mm × 80mm
Net Weight	2.2kg
Work Environment	Normal operating temperature: -40℃ to 70℃ Storage temperature: -40℃ to 70℃ Humidity: 5% to 95% (no condensation)

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 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 Cloud Platform Server Firewall function PPPoE function: Support PPPoE dial-up function

Device Management	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