AX830-PoF Product Specifications Document

Description:

YUNCORE® AX830-PoF is a high-performance, high-speed 11ax indoor dual-band ceiling AP, offering 2.4GHz (up to 574Mbps) and 5.8GHz (up to 2402Mbps) wireless services. Supports PoF power supply and OLT access, with a 1GE SC uplink interface for fiber access beyond 100m.

Features:

- Simultaneously operates on both 2.4GHz (574Mbps) and 5GHz (2402MHz) bands to achieve maximum wireless throughput;

- Hardware watchdog for auto-recovery, maintenance-free;

- Dual power input: Compatible with both 48V DC and 12V DC local power supply;

- Supports 48V hybrid fiber-power cable for remote power delivery;

WIFI Protocol	802.11 b/ g/n/a/ac/ax
Maximum Speed	2.4GHz Max. access rate:574Mbps, 5GHz Max. access rate:2402Mbps
Frequency Band	2.4GHz ~ 2.484GHz、5.150GHz ~ 5.850GHz
2.4GHz Antenna	Built-in 2 × 2.4G antennas, gain: 3dBi
5GHz Antenna	Built-in 2 × 5G antennas, gain: 4dBi
Device Capacity	128
2.4GHz Tx Power	<25±2dBm
5GHz Tx Power	<24±2dBm
Interface (WAN)	1 × GPON Fiber port（SC), Supports remote 48V power supply via PoF hybrid fiber optic cable
Interface（LAN）	4/10/100/1000Mbps Self-adaptive LAN Port（with one port supporting PoE power output)
USB Interface	1 × USB2.0
External Button	Reset Button（hold 6-10 seconds to restore factory defaults)
LED	Red-Green-Blue Three-Color Indicator Light: 　　Power On: Lights red when powered on. The red light turns off and the green light turns steady on immediately after the system boots up and any WiFi is enabled. 　　Thin AP Mode (Disconnected from AC): Both the red and green lights turn off. The blue light remains steady on. 　　AP Locator Function Active: Both the red and green lights turn off. The blue light blinks fast (1

	blink per second / 1 Hz).
Power Supply	1. Hybrid Optical Fiber Cable PoF 48V 2. DC2.0 12V/1.5A 3. DC (2-pin terminal) 48V
Power Consumption	< 18W
Dimensions	190mm × 190mm × 50mm
Net Weight	0.55kg
Work Environment	Working:-10℃ to 55℃ Storage: -40℃ to 70℃ Humidity：5%～95%（Non-Condensing）