Ceiling-Mounted Dual Band WiFi 7 AP

Model: BE880-5460

Description:

YUNCORE® BE880-5460 is a high-performance, high-speed Wi-Fi 7 (802.11be) indoor dual-band ceiling-mounted AP. It delivers wireless services across three frequency bands: 2.4GHz and 5GHz, with a 8-stream radio configuration consisting of 4×4 (2.4GHz) + 4×4 (5GHz) . The AP provides maximum access speeds of: 1148Mbps on 2.4GHz, 8646Mbps on 5GHz. This solution is engineered for high-density environments with validated support for up to 768 concurrent users.

Features:

- Dual band wifi with 240MHz channel bandwidth support.
- 4096-QAM modulation implementation for enhanced transmission efficiency.
- MLO (Multi-Link Operation) enables concurrent multi-band connectivity, ensuring superior user experience.
- Dual uplink options: 10G fiber interface and 2.5G Ethernet port to maximize device performance.
- PoE++ (802.3bt) and DC power input support for simplified deployment flexibility.

Specification	
Work Frequency	2.4GHz： 2.4GHz ~ 2.484GHz 5GHz： 5.150GHz ~ 5.850GHz
WiFi Standard	2.4GHz： 802.11 b /g /n / ax 5GHz： 802.11 a / n / ac / ax / be
Wireless Speed	2.4GHz： 1148Mbps　　5GHz： 8646Mbps
Device Capacity	768
Tx Power	2.4GHz: <23±2dBm 5GHz: <22±2dBm
Antenna	Built-in omnidirectional antennas
Interface	1× 10Gbps SFP+ fiber port 1× 10Gbps WAN port, supporting 802.3bt input 1×10/100/1000/2500Mbps LAN Port
Button	Reset button (Press and hold 6-10 seconds to restore factory defaults)
Status Indicator	WAN； LAN； WiFi； SFP； SYS

Power Supply	PoE 802.3bt，DC2.0 54V/1A
Power Consumption	<28.6W
Dimensions	208mm×208mm×46mm
Net Weight	0.55kg
Work Environment	Working: –10℃ to 55℃ Storage: –40℃ to 70℃ Humidity：5%～95%（Non–Condensing）