# FAP818-B1 Product Specifications Document

## Description:

YUNCORE® FAP818-B1 is a high-performance, high-speed indoor 11ax panel AP, offering dual-band wireless services on 2.4GHz and 5GHz frequencies, providing a cleaner wireless environment and more stable wireless access.

## Features:

- Simultaneously operates on both 2.4GHz (574Mbps) and 5GHz (2402MHz) bands to achieve maximum wireless throughput;
- The heat sink features a specially coated surface for enhanced thermal performance;
- Supports 48V PoE。

| Specifications | |
|---|---|
| 2.4GHz WIFI Protocol | 802.11 b / g / n / ax |
| 5GHz WIFI Protocol | 802.11 a / n / ac / ax |
| 2.4GHz Frequency Band | 2.4GHz ~ 2.484GHz |
| 5GHz Frequency Band | 5.150GHz ~ 5.850GHz |
| Maximum Rate | 2.4GHz: 574Mbps;  5GHz: 2402Mbps |
| Antenna | Built-in dual band antennas, Antenna gain: 1.7dBi |
| Device Capacity | 128 |
| 2.4GHz Tx Power | <19±2dBm |
| 5GHz Tx Power | <18.5±2dBm |
| Interface (WAN) | 1/10/100/1000Mbps WAN Port, Support 48V PoE input |
| Interface（LAN） | 1/10/100/1000Mbps LAN Port |
| External Button | Reset Button（hold 6-10 seconds to restore factory defaults) |
| LED | A hidden RGB light is inside the frame:<br>a) Red on at power-up. Turns off after system starts and any WiFi is enabled. Green stays on.<br>b) AC Mode: If AP disconnects from AC: Red & Green off. Blue stays on.<br>c) Finding AP: Red & Green off. Blue flashes quickly (once per second). |

| PoE | 48V 802.3af |
|---|---|
| Power Consumption | < 12W |
| Dimensions | 86mm×86mm×38.3mm(Low-profile exterior 8mm) |
| Net Weight | 0.15kg |
| Work Environment | Working:-10℃ to 40℃; Storage: -40℃ to 70℃; Humidity: 5% ~ 95% (Non-Condensing) |

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