

 **Prestel NCS-API**

 Wireless Access Point



USER MANUAL

Overview

This is a high-performance, high-speed 11ax indoor dual band ceiling AP that provides 2.4G and 5.8GHz dual band wireless services. 2.4G provides a maximum access rate of 574Mbps, while 5G provides a maximum access rate of 2402Mbps.

Features

- It has better transmission quality, higher transmission speed, and a maximum concurrent speed of 3000Mbps for the entire machine.
- It supports hardware watchdog function, automatic recovery of abnormal devices, and maintenance free.
- Its elegant appearance design, hidden port housing, and beautiful wiring.
- It supports two power supply modes: 48V PoE and DC 12V.

Specifications

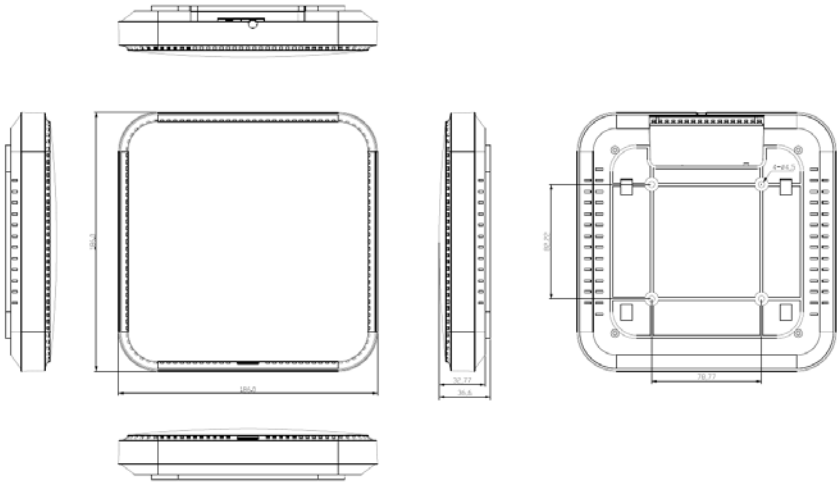
Hardware	
CPU	MT7981B+MT7976CN+7531AE
Flash	SPI NOR 16MB
DDR3	256M
2.4G Band	2.4GHz ~ 2.484GHz
2.4G WIFI Protocol	802.11 b / g / n / ax
5G working band	5.150GHz~5.850GHz
5G WIFI protocol	802.11 a / n / ac / ax
2.4G Antenna	2×2.4G Internal Antenna, Gain: 4.6dBi
5G Antenna	3×5.8G Internal Antenna, Gain: 4dBi
Maximum rate	2.4G: 574Mbps, 5G : 2402Mbps
frequency deviation (ppm)	±20ppm

Port (WAN)	1×10/100/1000M, Support 48V PoE
Port (LAN)	1×10/100/1000M
Reset Button	Long press for 6-10 seconds to restore factory default configuration
Indicator	Triple color (sys-red, 2.4G-green, 5.8G-blue)
Supply	PoE 802.3af, DC2.0 12V/1.5A,
Consumption	< 15W
Size	186mm × 186mm × 37mm
Weight	0.55kg
Environment	Working:-20° C to 55° C; storage: -40° C to 70° C; humidity: 5%~95% (No condensation)
ESD	Air +/-8K, Contact +/-6K
Surge protection	Line to ground 2K, line to line 1K

Interface diagram



Dimensional Drawing



Packing list

- Device ×1
- Screw ×4
- Ethernet cable ×1
- Manual ×1
- Certificate of conformity ×1