

Indoor Wi-Fi6 AP
High Performance, Cloud Management

EAP600 Enterprise Access Point



Facing the increasing digitization process of enterprises, both commercial organizations and manufacturing enterprises need to connect more branches and terminals, and need efficient and convenient network management solutions. InHand launched the indoor Wi-Fi6 EAP600 series products based on cloud management, providing global customers with high-speed, safe, simple and convenient network solutions.

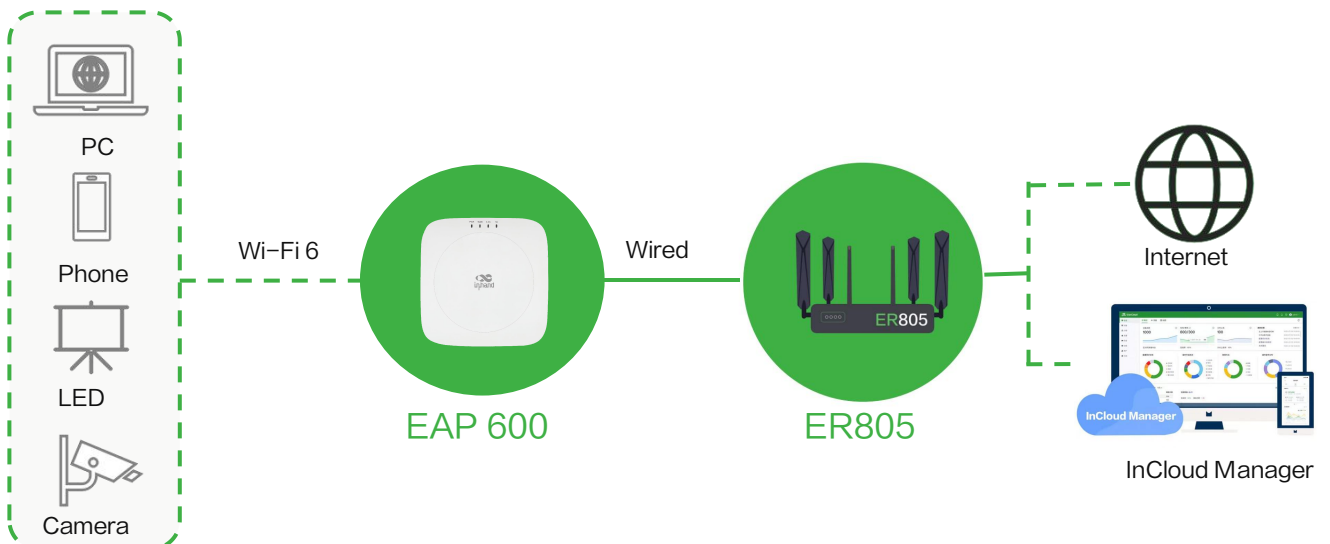
The EAP600 is a high-performance indoor dual-band Wi-Fi6 AP product. With the powerful network access capability of Wi-Fi6, it provides high-speed and convenient wireless network access for small businesses, enterprise branches, hotels and other scenarios requiring wireless coverage. Comprehensive security features and intelligent software services provide secure and reliable service data links for wireless scenarios

EAP600 series products have greater wireless coverage and stronger through-wall performance, and combined with InCloud Manager service, it is convenient for the user to manage and view the status of devices in a unified manner

This product is suitable for the networking of unattended devices and sites.

Education	<ul style="list-style-type: none"> - Campus wireless network coverage - Multimedia teaching equipment - Smart teaching
Treatment	<ul style="list-style-type: none"> - Intelligent consultation - Medical equipment networking
Hotel	<ul style="list-style-type: none"> - Guest room wireless access - Entertainment device networking
Small business	<ul style="list-style-type: none"> - Order PAD - POS system - Guest access the wireless network - Customers access the wireless network
Small office	<ul style="list-style-type: none"> - Wireless printer, projector - Video conference, file transfer and E-mail

Application



Features and Advantages

- **Embrace the new experience of Wi-Fi 6 networking**

EAP 600 series supports 802.11b/g/n/ac/ax standard and supports dual-frequency concurrency. The maximum speed of 5GHz band is 2.4Gbps, and the maximum speed of dual-band concurrent is 2974Mbps.

With strong Wi-Fi access capabilities, each band supports 8 SSIDs and up to hundreds of terminals to meet the needs of high-density wireless terminal access.

- **Simple and convenient cloud management is easy to control**

EAP 600 can access InCloud Manager, real-time management of distributed site equipment through a unified cloud platform, control the status of on-site equipment anytime and anywhere, making management easier, more efficient and more economical!

- **Build remote connections for efficient operation and maintenance**

EAP 600 with InCloud Manager helps users to maintain and monitor field equipment quickly and conveniently. Through remote connection, diagnose, debug, program, respond to faults, and locate problems of distributed field devices to reduce losses caused by device failures

- **Supports Wi-Fi Portal for value-added services**

The authentication portal page can prevent unauthorized users from accessing the network and ensure the security of network resources. At the same time, it can customize the authentication interface. Customers can display customized content to customers in the authentication field.

- **Fast deployment, flexible networking**

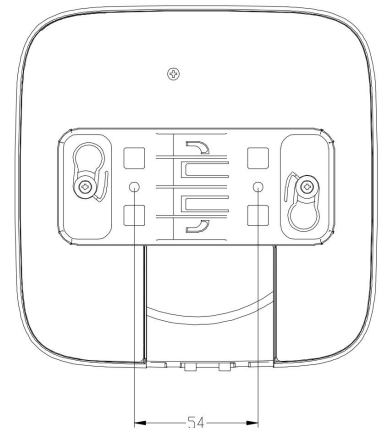
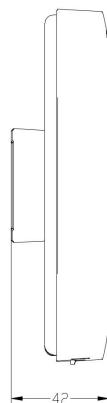
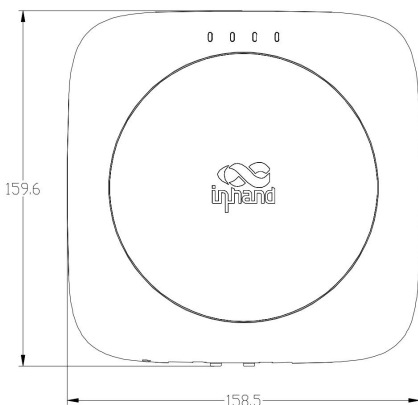
The EAP600 supports Mesh networking between APs, support for multiple working mode switching. Mesh networking: Multiple APs can form a network through mesh, each network can become a connection point, adding AP expansion network without rewiring, strong scalability; In difficult cabling scenarios, there is no need to rewire, and the deployment is more flexible. When one AP fails, other APs automatically adjust to ensure network stability.

- **Perfect security strategy for network escort**

Providing security protection in a complex network environment is critical, with a multi-level security strategy to protect sensitive data and critical business networks from attacks and threats, providing you with a secure network, protecting your digital assets as your business expands rapidly!

- Network protection security: Support the creation of guest networks, visitor devices cannot access the device.
- Whitelist-based or blacklist-based MAC address filtering.
- Supports WPA-PSK/WPA/WPA2/WPA3 authentication to protect network security.

Dimensions (mm)



Product Specifications

EAP600 Hardware Specifications	
Item	EAP600
Position	
Site	High-performance indoor Wi-Fi6.The recommended access number is 150 and the coverage radius is 15 meters
Hardware Platform	
RAM	512 MB
FLASH	128 MB NAND
Ethernet Port	1* Gigabit Ethernet port
Bluetooth	No
Button	1* Reset button
LED	4*LED (PWR/WAN/2.4G/5G)
Antenna	2*built-in dual-frequency antenna
Power	
Power Supply	12V/1A DC;802.3 af PD
Radio Specs	
Radio	2 x 2 MU-MIMO, dual-band concurrent maximum rate 2974Mbps 2.4GHz (802.11b/g/n/ac/ax), maximum speed 574Mbps 5GHz (802.11a/n/ac/ax) with a maximum speed of 2.4Gbps
Parameter	2.4G Radio: 802.11b:1,2,5.5 and 11 Mbps 802.11g:6,9,12,18,24,36,48 and 54Mbps 802.11n:HT20/ HT40: MCS0-MCS15 (400/ 800ns GI) 802.11ac VHT20/VHT40: MCS0 ~ MCS9(400/ 800ns GI) 802.11ax HE20/ HE40: MSC0 ~ MCS11(800/ 1600ns GI) 5G Radio: 802.11a:6, 9, 12, 18, 24, 36, 48 and 54Mb/s 802.11n:HT20/ HT40: MCS0-MCS15(400/ 800ns GI) 802.11ac :VHT20/VHT40/VHT80: MCS0 ~ MCS9(400/ 800ns GI) 802.11ax :HE20/ HE40/HE80/HE160: MSC0 ~ MCS11(800/ 1600ns GI)
Transmit Power	2.4GHz/5GHz:20 dBm
Antenna Gain	2.4GHz/5GHz:3 dBi
Dimensions & Installation	
Dimensions	158mm * 158mm * 28mm
Installation	Desktops, ceilings
Environment	
Storage Temp	-40 °C~ 70°C
Operating Temp	0°C~ 45°C
Humidity	5~ 95%
IP Level	IP30
Authentication	
CE,IC,FCC	

EAP600 Software Specifications	
Item	EAP600
Cloud Management	
InCloud Manager	Unified device access Zero-touch remote deployment Batch upgrade and management
Access Mode	
Network access	Static IP /DHCP
Network&Security	
IP Protocol	IPv4/IPv6*
BSSID	Each band supports 8 SSIDs
VLAN&IP	Support for custom Wi-Fi network IP address or VLAN ID
Wi-Fi Security	WPA-PSK, WPA/Enterprise* (WAP/WAP2/WPA3)
Radio Setting	Set the bandwidth and transmit power of the radio
Guest Access	Provide visitors network designed for temporary users
Portal*	Supports portal authentication modes such as Radius,mobile phone and facebook
MAC Filtering	Support MAC address filtering based on black and white list
Mesh	Support Mesh networking between APs
Visualization	
Dashboard	Overview of device information,interface status,traffic statistics,client access and alarms
Topology*	Displays the AP upstream/downstream topology connection status
Client List	Collect statistics on the traffic and connection duration of the client connected to the AP
Wi-Fi Experience	Wi-Fi client quality analysis
Mode	
Work Mode	FAT-Routing Mode/ FAT-Bridge Mode

Ordering Guide

Model	specification
EAP600-LITE	(Global) Enterprise entry-level indoor Wi-Fi6 AP, 2.4GHz/5GHz dual RF, maximum speed up to 2974Mbps, 1* Gigabit Ethernet port

About Us

InHand Networks is a leading IoT solutions provider founded in 2001, dedicated to driving digital transformation across industries and empowering customers to unlock their full potential and achieve accelerated growth.

We specialize in delivering industrial-grade connectivity solutions for diverse sectors, such as enterprise networks, industrial and building IoT, digital energy, smart commerce, and mobility. Our comprehensive product portfolio and services cater to various applications worldwide, including smart manufacturing, smart grid, intelligent transportation, smart retail, etc. With a global footprint spanning over 60 countries, we serve customers in China, the United States, France, Germany, the United Kingdom, Italy, and beyond.



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