

Stay Ahead with Wi-Fi 6: Fast, Reliable, and Secure

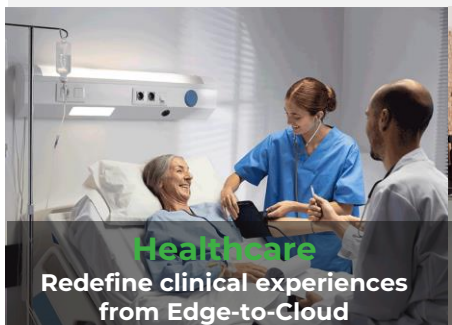
# EAP600

## Enterprise Access Point

- Wi-Fi 6
- High Performance
- Cloud-Managed



The EAP600 is a high-performance indoor dual-band Wi-Fi 6 Access Point (AP). With its powerful network access capability of Wi-Fi 6, EAP600 can provide increased connection density, lower latency, enhanced coverage range, and stronger security for retail stores, hotels, enterprise offices, and several business scenarios. Combined with the InCloud Manager platform, our solution provides you with more convenience in managing and monitoring your distributed EAP600 centrally and efficiently.



# Features and Advantages

- **Embrace New Network Experience with Wi-Fi 6**
- **Fast Deployment, Flexible Mesh Networking**
- **Wi-Fi Portal for Value-Added Services**

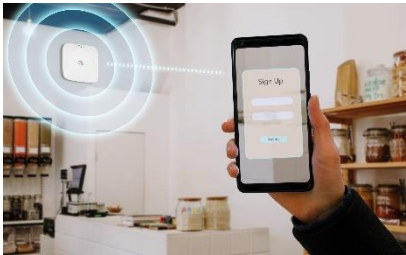
The EAP600 supports 802.11b/g/n/ac/ax standards with dual-frequency concurrency. The 5GHz band achieves a max speed of 2.4Gbps, and dual-band concurrency operation reaches 2974Mbps. Each band supports 8 SSIDs and can connect to hundreds of terminals for high-density access.



The EAP600 supports Mesh networking, allowing devices to connect to each other and form a distributed self-organizing network. This can enhance network coverage, improve reliability, and increase flexibility. Mesh networks can automatically adjust, maintaining connectivity through alternative paths and enhancing network fault tolerance.



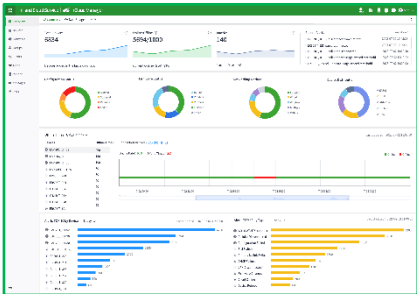
The authentication portal can prevent unauthorized users from accessing the network and ensure the security of network resources. At the same time, customers can customize the authentication interface to display specific brand marketing content to users on the splash page.



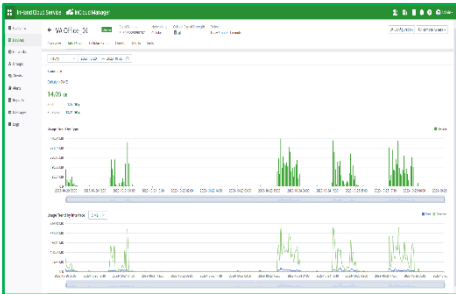
- **Perfect Security Strategy for Network Escort**
- **Simplify Control with Easy Cloud Management**

The EAP600 supports WPA-PSK/WPA/WPA2/WPA3 authentication, the isolation of guest networks and business networks, and multi-level security strategies like whitelist-based or blacklist-based MAC address filtering to protect sensitive data and critical business networks from attacks and threats.

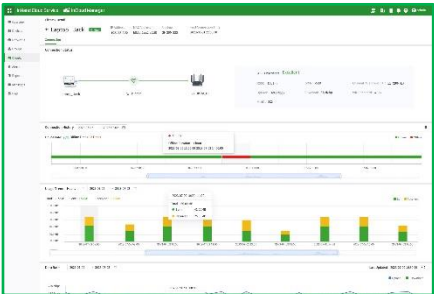
InCloud Manager SaaS service offers real-time management of distributed EAP600. Through this unified cloud platform, you can realize networking centralized monitoring, exception alerts, and remote failure diagnostics to reduce losses caused by network issues.



Centralized Management

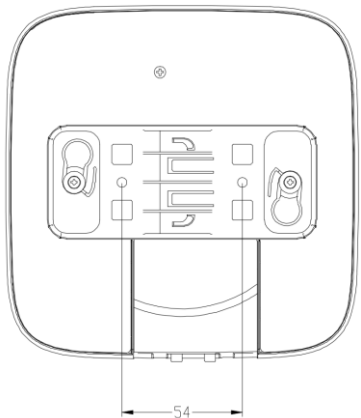
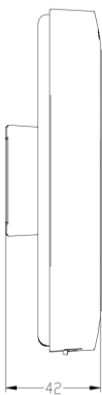
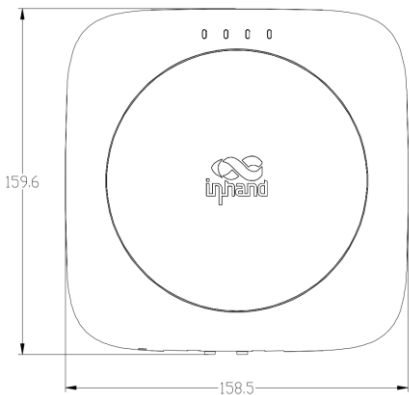


Visualized Monitor



Application Topology

# Dimensions (mm)



Product Specifications

| EAP600 Hardware Specifications |   |
|--------------------------------|---|
| Item                           | EAP600  |
| Position                       |   |
| Site                           | High-performance indoor Wi-Fi6 AP. Suitable for small to medium-sized chain branch scenarios, coverage: 200-300 m²  |
| Recommended users              | ≤150  |
| 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/2.4GHz/5GHz )   |
| Antenna                        | 2*built-in dual-frequency antenna   |
| Power                          |   |
| Power Supply                   | 12V/2A 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   |
| Parameter                      | 5GHz (802.11a/n/ac/ax) with a maximum speed of 2.4Gbps  |
|                                | 2.4G Radio:<br>802.11b:1,2,5,5 and 11 Mbps<br>802.11g:6,9,12,18,24,36,48 and 54Mbps<br>802.11n:HT20/ HT40: MCS0 ~ MCS15 (400/ 800ns GI)<br>802.11ac VHT20/VHT40: MCS0 ~ MCS9(400/ 800ns GI)<br>802.11ax HE20/ HE40: MSC0 ~ MCS11(800/ 1600ns GI)<br>5G Radio:<br>802.11a:6, 9, 12, 18, 24, 36, 48 and 54Mb/s<br>802.11n:HT20/ HT40: MCS0 ~ MCS15(400/ 800ns GI)<br>802.11ac :VHT20/VHT40/VHT80: MCS0 ~ MCS9(400/ 800ns GI)<br>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                     | 158 * 158 * 28(mm)  |
| Installation                   | Desktops, ceilings  |
| Environment                    |   |
| Storage Temp                   | -40 ℃ ~ 70℃   |
| Operating Temp                 | 0℃ ~ 45℃  |
| 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* ( WPA/WPA2/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 Monitor                 | 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)<br>Enterprise entry-level indoor Wi-Fi6 AP, 2.4GHz/5GHz dual RF, maximum speed up to 2974Mbps, 1* Gigabit Ethernet port |

# InHand Cloud-Managed Networking Solution

Our solution encompasses cloud-managed edge routers, Wi-Fi 6 AP, switches, 5G FWA/ODU cellular routers, and the InCloud Manager SaaS. By integrating top-tier IT management, IoT, 5G, and other technologies, we provide fast, secure, and user-friendly network solutions globally, enabling businesses to unlock boundless growth opportunities.



## InCloud Manager

- Centralized management
- Efficient zero-touch deployment
- Simplified network configuration
- Multi-dimensional security
- Multiple intelligent strategies



## 5G SD-WAN Edge Router

- 5G (Sub 6)/ LTE CAT20
- Multilink Backup & Dual SIM failover
- 5\*Gigabit Ethernet port, dual WAN
- 802.11ac dual-band, 1200Mbps
- SD-WAN, VLAN, VPN networking



## 5G Outdoor Unit

- High-speed 5G, DL 4.76Gbps, UL 1.25Gbps
- 2Gbps throughput
- 2.5G ETH, WAN/LAN, PoE
- IP67, -30 ~ 70° C, GPS
- Wall & pole mounting with adjustable angles

## 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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