

# AP355/AP365

## 11AC Access Point

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### Product Introduction

IP-COM 11ac series AP(include AP355, AP365) are enterprise-grade, high performance Gigabit Wi-Fi access points, prepared for ultra-high density environments. Through the 802.11ac Wi-Fi technology and enhanced transmit power and receive sensitivity, it can increase the scope of coverage, improve access density and operation stability.

Under the management and control of the IP-COM series AC, it supports advanced functions like Access Control, Load Balancing, Seamless Roaming, Multiple Authentication Modes and so on, are ideal match for Medium-Sized Enterprise offices, conference halls, multimedia classrooms WLAN Deployment.



#### AP355

- 11AC dual band 1200Mbps
- Aesthetic ceiling design
- Compliant with PoE 802.3at
- Gigabit Ethernet Port
- Tagging VLAN ID for multi SSID
- 5GHz band steering
- Centralized management by AC1000/AC2000/AC3000



#### AP365

- 11AC dual band 1750Mbps
- Aesthetic ceiling design
- Compliant with PoE 802.3at
- Two Gigabit Ethernet Port
- Tagging VLAN ID for multi SSID
- 5GHz band steering
- Centralized management by AC1000/AC2000/AC3000

## Key Features

- Dual concurrent 2.4Ghz 802.11n/g/b and 5Ghz 802.11ac/n/a radios
- 5GHz band steering
- Support 802.3at PoE standard
- Portal authentication supported with AP controller

## Product Features

### Low-profile industrial design

With its sleek, low profile design and controllable LEDs, blends into hotel, office environments

### Lower cost of implementation

Supporting PoE standard, AP can integrate into your existing 802.3at power and network infrastructure.

### High performance

Dual-band design delivers high capacity and high performance to new 802.11ac and legacy 802.11a/b/g/n clients. The 802.11ac Gigabit Wi-Fi along with Gigabit Ethernet enabling fast data forwarding without any bottleneck, is ideal for high-bandwidth applications such as streaming video, P2P download and gaming.

### Advanced Wi-Fi security

IP-COM AP supports almost all the latest encryption and authentication mechanisms (such as WEP, WPA-PSK, 802.1X, WEB Portal, Social login), making it simple for administrators to manage enterprise security and guest access.

### Automatic RF optimization

Advanced RF optimization with automatic channel, band and power level selection, to reduce co-channel interference. AP can recognize various channels being used and automatically switch to the best available channel to provide the best experience for users.

### Airtime Fairness

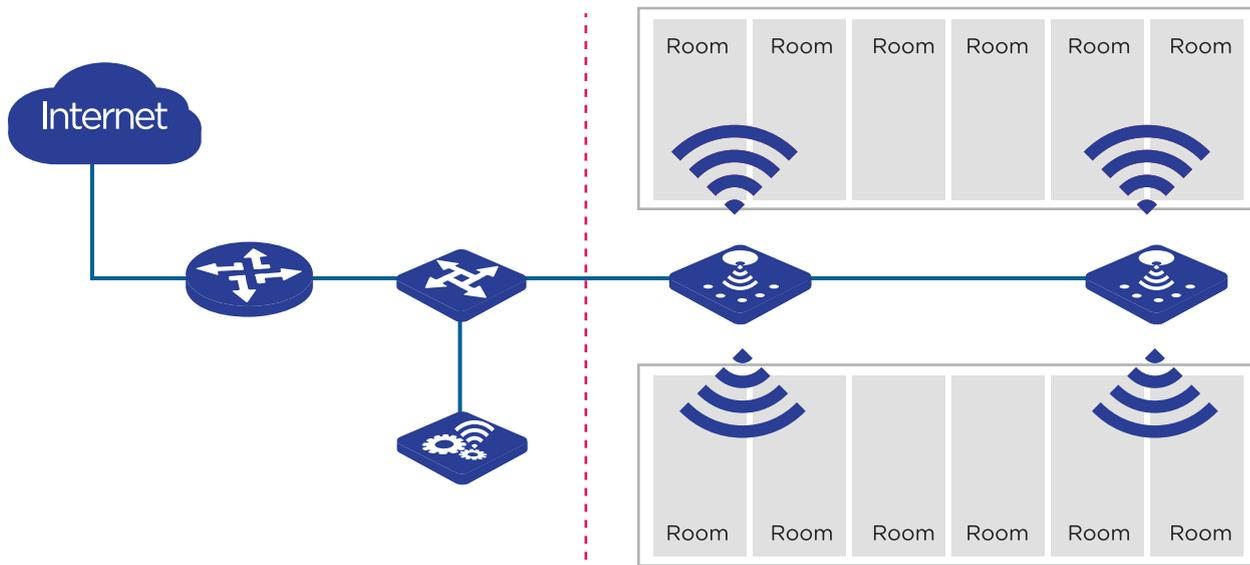
Airtime fairness is an advanced scheduling technique that gives equal airtime to each client regardless of its theoretical data rate. This will ensure higher download speed and increase overall network capacity.

### Dual Fat/Fit mode

When the network starts small, users can acquire the AP and set it to Fat mode. As the user grows and more devices are installed, it's recommended to add an IP-COM AC to simplify network management and centrally manage all APs. It can significantly reduce deployment and management effort by automating device provisioning, firmware upgrades and policy enforcement.

## Application Scenarios

The AP355/AP365 are enterprise-class, high performance 802.11ac Access Point, targeted at high capacity environments including SMB offices, hotels, and restaurants.



## Related Products



AP325

- 2.4GHz 300Mbps
- Aesthetic ceiling design
- Compliant with PoE 802.3af
- 100Mbps Ethernet Port
- Tagging VLAN ID for multi SSID
- Centralized management by AC1000/AC2000/AC3000



AP340

- 2.4GHz 300Mbps
- Aesthetic ceiling design
- Compliant with PoE 802.3at
- 1000Mbps Ethernet Port
- Tagging VLAN ID for multi SSID
- Centralized management by AC1000/AC2000/AC3000



AC2000

- Easy to configure, manage and monitor Aps
- Maximum AP managed number up to 512
- Remote manage multi branch AP and AC
- Built-in captive portal server and customized welcome page
- Access device type and customer behavior statistic



M50

- Maximum user capacity up to 150
- Smart QoS Bandwidth Management
- Multi WAN load balance and bandwidth combination
- PPTP,L2TP,ipsec VPN server and client supported
- Integrated with AP controller feature to manage 16 IP-COM AP
- Built-in captive portal server and PPPoE server

## Product Specifications

| Product Information       |  |  |
|---------------------------|--|--|
| Model                     | AP355  | AP365  |
| Deployment                | Ceiling and Wall Mount   | Ceiling and Wall Mount   |
| Dimensions                | 200*200*30mm   | 234*234*58.4mm   |
| Application Scenarios     | Medium-Sized Enterprise offices, Shopping Malls, and Restaurants etc       | Medium-Sized Enterprise offices, Shopping Malls, and Restaurants etc                               |
| Hardware Specifications   |  |  |
| Frequency Range           | 2.4GHz/5GHz  | 2.4GHz/5GHz  |
| Maximum wireless speed    | 1200Mbps   | 1750Mbps   |
| Compliant Standards       | IEEE 802.11n/g/b, 802.11ac/n/a   | IEEE 802.11n/g/b, 802.11ac/n/a   |
| User Capacity             | 70 clients   | 75 clients   |
| Interfaces                | 1*10/100/1000Mbps PoE/LAN port, 1*DC Power Jacket                          | 2*10/100/1000Mbps PoE/LAN port   |
| Button                    | 1*RESET  | 1*RESET  |
| Antennas                  | 2x Integrated dualband, Omni-directional, 2.4GHz 4dBi gain, 5GHz 4dBi gain | 3x Integrated 2.4GHz Omni-directional, 4dBi gain<br>3x Integrated 5GHz Omni-directional, 5dBi gain |
| Max Power Consumption     | 17W  | 23W  |
| LED indicator             | PWR, 2.4G, 5G  | PWR, 2.4G, 5G  |
| Power Supply              | PoE 802.3at  | PoE 802.3at  |
| Maximum Transmit Power    | 400mw(26dbm)   | 400mw(26dbm)   |
| Reception sensitivity     | MCS0: -88dbm<br>MCS7: -72dbm   | MCS0: -88dbm<br>MCS7: -72dbm   |
| Software Specifications   |  |  |
| IP Setting                | Support  | Support  |
| Management VLAN           | Modify from Web UI or AP Controller  | Modify from Web UI or AP Controller  |
| Operating mode            | AP,WDS,Client+AP   | AP,WDS,Client+AP   |
| WiFi Radio                | Enable or Disable  | Enable or Disable  |
| SSID Number               | 12   | 12   |
| SSID Broadcast            | Enable or Disable  | Enable or Disable  |
| AP Isolation              | Support  | Support  |
| Clients Limit             | Connected user number limitation for every SSID                            | Connected user number limitation for every SSID  |
| VLAN tagging for SSID     | Support  | Support  |
| RSSI Threshold            | Support  | Support  |
| WMM Capable               | Support  | Support  |
| APSD Capable              | Support  | Support  |
| Wireless Client Statistic | Support  | Support  |

## Product Specification

| Software Specifications |   |   |
|-------------------------|---|---|
| Transmission Power      | Adjustable step by dbm                                | Adjustable step by dbm                                |
| Access Control          | Connect limitation based on mac address               | Connect limitation based on mac address               |
| Wireless Security       | 64/128 WEP,WPA-PSK,WPA2-PSK,<br>WPA&WPA2-PSK,WPA,WPA2 | 64/128 WEP,WPA-PSK,WPA2-PSK,<br>WPA&WPA2-PSK,WPA,WPA2 |
| DHCP Server             | Support   | Support   |
| VPN Pass-Through        | PPTP,L2TP   | PPTP,L2TP   |
| Schedule Reboot         | Support   | Support   |
| Circularly Reboot       | Support   | Support   |
| Page Timeout            | Support   | Support   |
| Network Diagnoses       | Ping  | Ping  |
| Time&Date Setting       | Support   | Support   |
| System Log              | Support   | Support   |
| Backup Configuration    | Support   | Support   |
| Restore configuration   | Support   | Support   |
| Reset device            | Support from Web UI or AP Controller                  | Support from Web UI or AP Controller                  |
| Username Management     | Support from Web UI or AP Controller                  | Support from Web UI or AP Controller                  |
| Reboot Device           | Support from Web UI or AP Controller                  | Support from Web UI or AP Controller                  |
| Firmware upgrade        | Support from Web UI or AP Controller                  | Support from Web UI or AP Controller                  |
| Centralized Management  | Managed by AC1000/AC2000/AC3000                       | Managed by AC1000/AC2000/AC3000                       |
| Working Environment     |   |   |
| Operation Temperature   | -10 C -40 C   | -10 C -45 C   |
| Storage Temperature     | -30 C - 70 C  | -30 C - 70 C  |
| Operation Humidity      | 10%–90% (non-condensing)                              | 10%–90% (non-condensing)                              |
| Storage Humidity        | 10%–90% (non-condensing)                              | 10%–90% (non-condensing)                              |
| Default Login IP        | 192.168.0.254   | 192.168.0.254   |
| Default User Name       | admin   | admin   |
| Default Password        | admin   | admin   |
| Certifications          | FCC/CE/RoHS   | FCC/CE/RoHS   |