

# AP255

## Wall Plate Wireless Access Point

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## Product Description

AP255 is the latest generation wall plate access point (AP) which can be installed in any 86mm EU Type wall jack without breaking the existing decorations. It is well suited to provide wifi coverage for university dormitories, hospital wards, hotel rooms and other sites with densely divided rooms.



### AP255

- 2.4G 300Mbps
- PoE 802.3AF
- USB Charger
- RJ11 Port
- Centralized Management

## Key Features

- 2.4GHz 300Mbps
- 86mm EU Type Wall Jack Design
- Compliant with PoE 802.3af
- 2\* FE LAN, 1\*RJ11 ,1\* USB Charger port
- Centralized managed by AC1000/AC2000/AC3000

## Product Features

### Wireless N300 Speed

AP255 transfer rates of up to 300 Mbps on the 2.4 frequency bands for faster file transfers and smoother video streaming.

### 86mm EU type wall jack design

AP255 adopt of 86mm EU Type wall jack design to deploy into the existing wall jack. It will pose no problem to neighbourhood panels or other decorations.

### Compliant with PoE 802.3af

The port on the back panel support Power over Ethernet (PoE) functionality, which allows both power and data to be carried over a single Ethernet cable to AP255.

### USB Charger

AP255 provides a 5V 500mA USB charger output port, you can use your existing USB charging cables to charge most USB powered devices like Smart Phones, MP3 Players.

### Advanced Wireless Security

AP255 offers multi mechanism to prevent unauthenticated access and protect data privacy .

1. 64/128bit WEP, WPA-PSK, WPA2-PSK, WPA&WPA2-PSK, WPA, WPA2

2. Wireless Access Control based on the mac address of wireless adapter

3. Client Isolation and SSID isolation

### VLAN Tagging For multi SSID

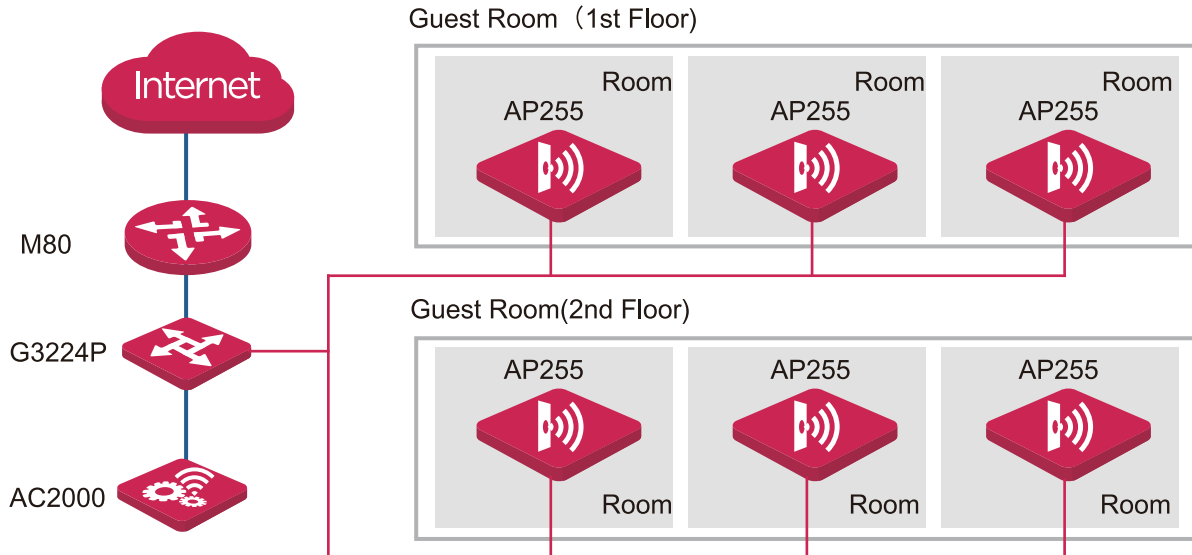
AP255 can be configured to broadcast up to two SSID. Each SSID can be tagged to a specified network VLAN for different user access based on established access rights.

### Easy to setup, Easy to manage

AP255 can be managed by AP Controller, the administrator can setup, manage and monitor all the Aps online status more easily.

## Application Scenarios

IP-COM wall plate AP255, well designed with small-sized and white plate, can be easily installed into the junction box without affecting wall inner structure and appearance. Featuring in easy deployment, full coverage, AP255 is the best economical choice of wireless access point for the high density room structure of hotel, apartment, office and some small-sized enterprises.



## Related Products



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



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 portal server and PPPoE server



G3224P

- 24 Gigabit RJ45 ports & 2 SFP ports
- Switching capacity up to 56 Gbps
- Forwarding rate up to 38.69 Mpps
- Maximum PoE power consumption up to 370W
- Supports POE+ IEEE 802.3at/af
- Rackmountable

## Product Specifications

Product Info		
Model	AP255	
Deployment	In Wall	
Weight (package included)	172.7g	
Dimensions	86*86*35mm	
Application Scenarios	WiFi coverage for hotel rooms,villa	
Hardware Specifications		
Radio	2.4G	
Compliant Standards	IEEE 802.11b/g/n	
Wireless rate	1-300Mbps	
Ethernet Ports	2个10/100Mbps LAN	
Telephone Jack	1 * RJ11 port, 1 * telephone jack	
USB Charger port	1 * 5v 0.5A USB port	
Reset Button	1	
LEDs	1 * SYS LED	
Max Power Consumption	9W	
Power Supply	PoE 802.3 af	
Output Power	1-11Mbps	18+/-1.5dBm
	6 - 9Mbps	16+/-1.5dBm
	12 - 18Mbps	15.5+/-1.5dBm
	24 - 36Mbps	15+/-1.5dBm
	48M - 54Mbps	15+/-1.5dBm
	MCS7	15+/-1.5dBm
	802.11B	-90dBm
Reception Sensitivity	802.11G	-75dBm
	802.11N (HT20)	-72dBm
	802.11N (HT40)	-70dBm
Software Specifications		
IP Setting	Support	
Management VLAN	Modify from Web UI or AP Controller	
Operating mode	AP,WDS,Client+AP	
WiFi Radio	Enable or disable	
SSID Number	2	
SSID Broadcast	Enable or disable	
AP Isolation	Support	
Clients Limit	Connected user number limitation for every SSID	

## Product Specifications

### Software Specifications

VLAN tagging for SSID	Support
RSSI Threshold	Support
WMM Capable	Support
APSD Capable	Support
Wireless Client Statistic	Support
Transmission Power	Adjustable step by dbm
Access Control	Connect limitation based on mac address
Wireless Security	64/128 WEP,WPA-PSK,WPA2-PSK,WPA&WPA2-PSK,WPA,WPA2
DHCP Server	Support
VPN Pass-Through	PPTP,L2TP
Schedule Reboot	Support
Circularly Reboot	Support
Page Timeout	Support
Network Diagnoses	Support
Time&Date Setting	Support
System Log	Support
Backup Configuration	Support
Restore configuration	Support
Reset device	Support from Web UI or AP Controller
Username Management	Support from Web UI or AP Controller
Reboot Device	Support from Web UI or AP Controller
Firmware upgrade	Support from Web UI or AP Controller
Centralized Management	Managed by AC1000/AC2000/AC3000

### Working Environment

Operation Temperature	-10 C -45 C
Storage Temperature	-30 C - 70 C
Operation Humidity	10%–90% (non-condensing)
Storage Humidity	10%–90% (non-condensing)
Default Login IP	192.168.0.254
Default User Name	admin
Default Password	admin
Certifications	FCC/CE/RoHS

**IP-COM**  
World Wide Wireless

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