

**IP-COM**  
World Wide Wireless

# AC1000

## AP Controller

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## AP Controller

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### Product Introduction

IP-COM AC1000 is an AP controller, specially designed to manage quantities of APs in the network for SMB such as budget hotels, K-12 schools. Abundant wireless features management including editing AP's deployment location, SSID, Security key, RSSI threshold, Client limitation, VLAN, output power, Client isolation, SSID isolation, 5G band steering. Also it can monitor AP and clients online status. All these features help the administrator to install, manage and monitor APs at a single location.



## Key Features

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- Maximum AP managed number up to 128
- 5 Gigabit Ethernet Ports
- AP and clients online status statistics
- Email and software alarm
- Unified manage all indoor and outdoor APs

## Product Features

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### AP Auto Discover and Configuration

When AP connect to the network, AP will be discovered by the AC1000 automatically, then AC1000 will distribute the default SSID policy and Radio policy to all new APs.

### Unified manage all indoor and outdoor APs

AC1000 can manage and monitor all IP-COM indoor and outdoor AP. With it, you can modify the AP deployment location description, SSID, channel, security, output power, VLAN tagging for SSID, RSSI. It is more easily when you deploy and install quantities of AP.

### Branch Network Deployment Mode

AC1000 deploys in branch network mode, you just connect the it to the core or aggregate switch without changing your network topology.

### AP and client online statistics

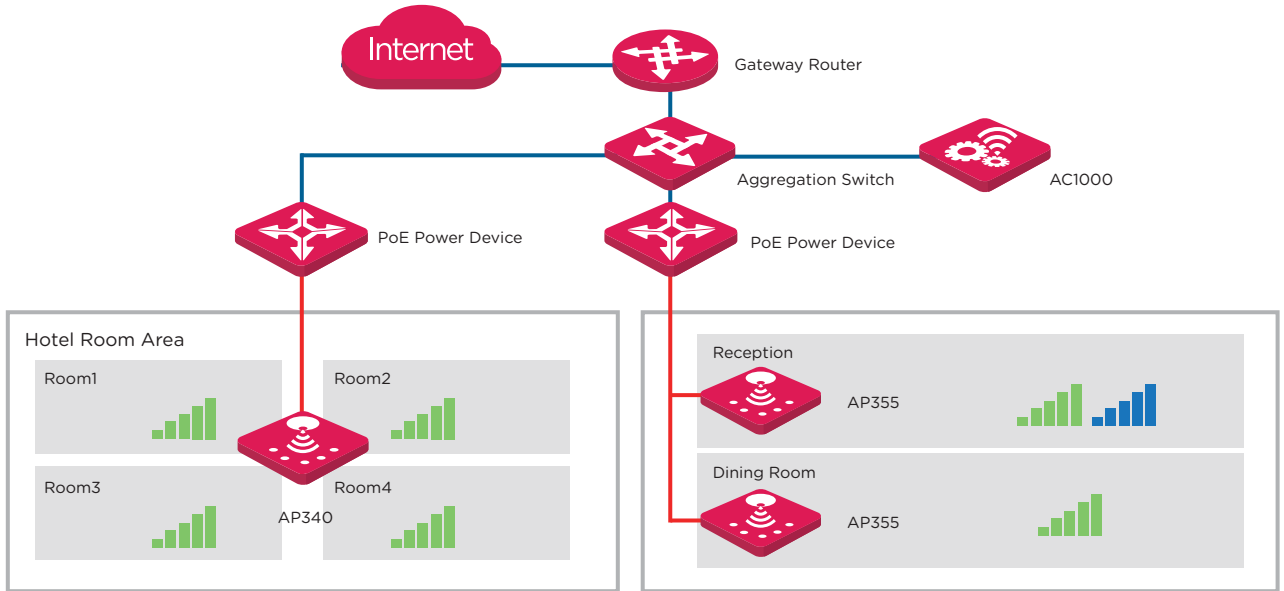
AC1000 can monitor AP and client online status. You can view online AP's number, online client's number, download traffic of clients. It is easy and clear to know overall network usage status.

### Email and software alert

AC1000 features email and software alert. When AP is failure or over the defined traffic/client threshold, it will send the message to the alert software or email address, you can know the network status immediately.

## Application Scenarios

IP-COM AC1000 is an AP controller, specially designed to manage quantities of APs in the network for SMB such as budget hotels, K-12 schools.



## Related Products

AP



AP255

- 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



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



AP515

- 2.4GHz 300Mbps
- Compliant with PoE 802.3at
- Tagging VLAN ID for multi SSID
- Centralized management by AC1000, AC2000, AC3000



SE3100

- 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 to push AD and customized user connection time

Switch



G3224P

- 24 10/100/1000M auto-adaptation RJ45 port with PoE function support and 4 multiplex 1000 Base-X Gigabit SFP ports
- Support IEEE802.3at/at standard, automatic check and recognize the PD devices complying with at/at standard for power supplying, single port power peak is 30W and totally power ≤ 370W
- Support PoE intelligent power management, PoE time management, DHCP Snooping, prevent ARP attack, VLAN configuration, QoS, ACL, port trunk, binding and so on

## Product Specifications

### Product Information

Model	AC1000
Deployment	Ceiling and Wall Mount
Dimensions (L*W* H)	210mm*130mm*30mm
Application Scenarios	budget hotels,K-12 schools etc SMB

### Hardware Specifications

Standards	IEEE 802.3u/ab
Interfaces	5* 10/100/1000Mbps LAN
LEDs	SYS、POWER、RESET
CPU	800MHz Broadcom ARM
RAM	128MB
Flash	16MB
Max Power Consumption	9W

### Software Specification

Default AP managed number	64
Max AP managed number	128
Wireless Features Management	Access Point Auto Discovery
	Access Point Auto IP Assignment
	Access Point Device Name Editing
	Access Point SSID Editing
	Access Point Client Limit Editing
	Access Point output power Editting
	Access Point Security Editting (None,WPA-PSK,WPA2-PSK)
	Access Point isolation Editting
	Access Point SSID isolation Editting
	Access Point channel Select
	VLANs for Access Point- Multiple SSIDs
	5G Band Steering editing
	Client isolation editing
	SSID isolation editing
	RSSI threshold for client access editing
	Monitor the AP online status
	Wireless Client Monitoring
	Batch AP Reset capability
	Batch AP reboot capability
	batch Firmware Upgrade Capability
Schedule reboot AP capability	
AP failure alarm	
AP traffic alarm	
AP clients limit alarm	
AP&clients list export	

## Product Specification

### Software Features

System Tools	IP Setting
	System Time & Date
	Firmware upgrade
	Configuring backup and restore
	Device Reboot
	Username and password
	System log

### Operating Environment

Operating Temperature	-10 C - 45 C
Storage Temperature	-30 C - 70 C
Operating Humidity	10%–90%(non-condensing)
Storage Humidity	5%–90%RH (non-condensing)
Default Login IP	192.168.10.1
Default username	admin
Default Password	admin
Certification	CCC/FCC/CE/ROHS

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