

# Multi-function Gigabit AC controller

## Datasheet

Model : AC60



## 一、 Product Introduction

AC60 is a large and medium-sized enterprise gateway based on the CAPWAP protocol.

- The product is equipped with one gigabit WAN port, which can be configured with multiple WANs. It has multiple WAN features such as WAN port load balancing, multi operator access, line backup, network overlay, and policy routing.
- Support intelligent flow control, internet behavior management, network firewall, VPN settings, remote access control management, and other functions.
- Allow up to 60 end users to access, provide high-speed network, maximize defense against network storms, and ensure the normal operation of the network.
- It can be used as the main router in the network or as a bypass AC, managing and configuring 128 thin APs, and can also be remotely managed and maintained in the later stage. Even in different cities and networks, administrators can monitor, manage, and configure the main page of AC60 at any time. The product has the characteristics of high performance, easy installation, and maintenance, greatly saving manpower and material costs in network layout.
- AC60 can be used as an authentication gateway to access cloud platforms, achieving authentication methods such as advertising and WeChat authentication, user authentication, SMS authentication, etc.
- The product is widely used in places such as small and medium-sized enterprises, urban villages, hotels, internet cafes, shopping malls, etc.

## 二、 Product Features

1. Management function of AP
2. AP Management Zero Configuration and Intelligent Grouping
3. Built-in intelligent channel analyzer
4. Automatically assign IP addresses to wireless APs
5. Multi WAN and multi WAN port load balancing
6. Support multiple authentication methods, such as WeChat authentication, user authentication, and SMS authentication.
7. One click intelligent flow control
8. Powerful multi line diversion
9. Policy bandwidth control
10. Connection number control
11. Powerful firewall and user management functions

## 三、 Hardware parameters

Model	AC60
DDR	256M
Flash	16M
Radiating	No fan cooling
Port	4*1000Mbps LAN port (Can be set to multiple WAN ports)
	1*1000Mbps WAN port
Power	DC 12V/0.5A
Size	232 *142 *44mm
Weight	1.22kg
Environment	Working Temperature : 0°~40°C
	Storage Temperature : -40°C~70°C

	Working Humidity : 10%~ 90% RH non-condensing Storage Humidity : 5%~ 90% RH non-condensing
Safety Compliance	CE/ROHS/FCC/CCC

## 四、 Software Features

AP management	Maximum number of managed users 60 users 128 AP management units Centralized and remote management, configuring wireless AP Viewing user status
Intelligent flow control	One click intelligent flow control Powerful multi line diversion Automatically apply priority
load balancing	Multi WAN, multi operator access Intelligent load balancing Line backup Network speed stacking Policy routing: Based on policies such as source IP address, destination IP address, source MAC address, network interface, domain name, destination port, external network interface, identity binding, etc Protocol binding Online detection
Routing	Static Routing
Behavior Management	Comprehensive blocking of P2P software P2P flow control and Bandwidth allocation File transfer and URL filtering Comprehensive control of online behavior
Bandwidth control	IP based bandwidth control Guarantee/limit bandwidth temporal strategy IP based session restriction
Security Center	MAC address filtering URL/keyword filtering Web Content Filtering IP address filtering

	Port forwarding DMZ
Defense Center	TCP/UDP/ICMP flood prevention; Block TCP scanning Block PING WAN port
ARP detection	Sending GARP packets ARP scanning of WAN/LAN ports IP-MAC binding
Authentication	Local authentication (WeChat Wi Fi authentication, SMS authentication, user authentication) Remote authentication (WeChat Wi Fi authentication, SMS authentication, user authentication)
manage	Web/CLI/Telnet Management Portal Remote authentication (WeChat Wi Fi authentication, SMS authentication, user authentication)
Other	DDNS, VPN management