GP-AC128

5-port full Gigabit intelligent AC server



Introduction

GP-AC128 is a large and medium-sized enterprise gateway based on CAPWAP protocol. It also supports such features as LAN, multi port VPN, multi port network management, multi port VPN Management, multi port network management, multi port network management, multi port VPN, etc+ It is widely used in large and medium-sized enterprises, petroleum and petrochemical, coal mines, villages in cities, hotels, Internet cafes, shopping malls, industrial parks and other places.

Characteristic

- **Support line backup**
- **Multi band superposition**
- **load balancing**
- **5-port full Gigabit Ethernet (up to 4 Wan ports can be configured)**
- **Diversified access authentication methods**
- **Support 128 AP management authorization**

Hardware performance

CPU	MT7621
Flash	128MB
DDR	512MB
AP authorization	128
Largest user	200+

Standards and protocols

standard	IEEE 802.3, 802.3u, 802.3ab
agreement	TCP/IP, DHCP, ICMP, NAT, PPPoE ， CAPWAP

Software function

AP management	The maximum number of management users is 200 + users, the number of AP management is 128, centralized and remote management and configuration of wireless AP, and the view of user status
Intelligent flow control	One key intelligent flow control, powerful multi line shunt, automatic application priority
load balancing	Multi Wan, multi operator access, intelligent load balancing, line backup, network speed overlay
5.8G WiFi transmission protocol	802.11 a / n / ac
device management	Policy Routing: policy, protocol binding and online detection based on source IP address, destination IP address, source MAC address, network interface, domain name, destination port, external network interface, identity binding, etc
Routing function	Static routing
Behavior management	It also blocks P2P software, P2P flow control and bandwidth allocation, file transmission and URL filtering, and comprehensive control of network behavior
Bandwidth control	IP based bandwidth control, guarantee / limit bandwidth, time policy, 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, blocking TCP scanning, blocking Ping WAN port

ARP	Send GARP packet, ARP scan of WAN / LAN port, IP-MAC binding
authentication	Local authentication (wechat Wi Fi authentication, SMS authentication, user authentication)Remote authentication (wechat Wi Fi authentication, SMS authentication, user authentication)
Administration	Web / cli / telnet Management PortalRemote authentication (wechat Wi Fi authentication, SMS authentication, user authentication)
Others	DDNS, VPN

Interface and power supply

RJ45 interface	5× Gigabyte LAN
Reset	reset （ Press and hold for 10 seconds to restore the factory default configuration ）
POE output	POE48V
POE power	The total power of the whole machine is 72W, and the maximum output power of single port Poe is 15.4W
power supply	AC
Supply voltage	AC220V

Environmental and physical performance

working temperature	-30 ~ 60℃
Storage temperature	-40 ~ 80℃
Humidity (non concentrated)	5% ~ 95% （ No condensation ）
External dimension	440mm×240mm×44mm(length × width × height)
Installation and fixation	Rack type fixed installation
Special design	Electromagnetic shielding and fan less cooling design