Wi-Fi Controller 256 AP 19' 5xRJ45 1xWAN (Max 4) + 4x LAN (Min 1)
GGM WC256AP

The GGM WC256AP is an middle size Enterprise Gateway based on CAPWAP protocol. Support Load Balance, Ethernet backup and Ethernet Superimposed, multi-ISP access; then support DHCP, policy routing and VPN, together with Smart flow control, Abundant security, varied user managementand multiple authentication function, it consistent to provide high efficiency and professional network connectivity for hotel, enterprise, Internet bar, shopping mall. What's more, it can manage the wireless access point fast and stable in central and remote, provide whole wireless coverage solution, cost saved and convenient.

Main Features:

1.MultipleGigabit WAN and multiple routing functions

The GGM WC256AP support PPPoE/DHCP/Static IPaccess, work with different ISP and max 256 end users can access into it.

SupportmultipleGigabit WAN ports, support load balance, Ethernet Superimposed andmultiple ISP network accessto avoid bandwidth overload,thensupport Ethernet backup torecover the dropped networking line,ensure the whole networking smoothly;

It support policy-based routing function also, administrator will set the network based on IP/MAC/Domain/Interface policies.

2.Smart QoS

The GGM WC256AP support smart QoS based on ports, individual users, user groups and user applications. Allow bandwidth reservation and dispatch by tunnel or by application.

It provide a variety of functions including multiple queuing mechanisms (priority queuing, low latency queuing, custom queuing, weighted queuing), congestion avoidance, traffic policing, traffic shaping and priority marking, ensuring different service for different users and applications.

3.Abundant security mechanism

The GGM WC256AP support a variety of security mechanism, like TCP/UDP/ICMP Flooding,

IP/MAC/URL/Web filtering functions, Ping of Death and other related threats, extend protection to every port of the router and enable the ports to provide DoS/DDoS attack protection, traffic monitoring, Uniform Resource Locator (URL) filtering, and application layer filtering.

What's more, it support user management and password protection. Users of different levels are assigned with different configuration authorities.

4.Multiple authentication

The GGM WC256AP support portal authentication, PPPoE authentication and Radius authentication

It support Wechat authentication, one-time password authentication, display or promote advertisement to user and bring extra value for merchant; Then support SMS authentication when access into cloud server and work with SMS gateway.

Then it can work with the 3rdparty radius server for advertisement and billing functions.

What's more, it work as PPPoE server, can create PPPoE account, password, bandwidth and valid time, to realize PPPoE billing function.

5.Remote Maintenance, Auto firmware upgrade

Administrator can access into The GGM WC256AP's management interface page remotely at home, to manage and maintenance the wireless access point, keep the whole network stable in economic way.

The GGM WC256AP can automatically to upgrade the new released firmware, zero steps to recovery the system problem.

6.Others

The GGM WC256AP support VPN dial up, DNS Proxy, IP address translation, user behavior management, make it more professional in Enterprise.

7.AC management for wireless AP

Assign IP address for Wireless AP: Build in DHCP Server, it can assign the IP address for wireless AP automatically when AP online.

Group or Single Configure: The GGM WC256AP auto detect the wireless AP, support group or single configuration, central to manage the SSID password, mode, channel, RF power, coverage threshold; Then reboot, reset or upgrade firmware remotely to complete the maintenance.

Product features

- Produit : Hardware controller

ETIM 9 features

- Ethernet : Yes
- ISDN : Yes
- Max. data transmission rate : 1000 Mbit/s
- FHSS : No
- Connection for external antenna : No
- Wi-Fi-compatible : Yes
- Link test function : Yes
- Height : 44.45 mm
- Width : 482 mm
- Depth : 220 mm