Alphion

Product Brief

AWLC-5128

Wireless LAN Controller

Feature Summary

- Rack mountable
- Supports 4 x 1G LAN and 1 x 1G Ethernet WAN interfaces
- Supports configuration of the WAN port as a multi-WAN WAN port with multiple WAN characteristics
- Supports load balancing, multi-operator access, line backup, network superposition and policy routing
- Support intelligent flow control, Internet access behavior management, network firewall, VPN setting, remote access control management and other functions
- Can also function as a main router in the network
- Supports bypass of Access Concentrator (AC), management and configuration of 128 fit AP
- Supports maximum of 128 end users are allowed to access.

Security

- Provides maximum defense against network storms and ensure the normal operation of the network.

Applications

The AWLC-5128 is a large and medium-sized enterprise gateway based on the CAPWAP protocol that provides high-speed network connectivity to wireless APs.

It can be used as an authentication gateway to access the cloud platform, realizing advertising, user authentication, SMS authentication and other authentication methods. Products are widely used: such as small and medium-sized enterprises, urban villages, hotels, Internet cafes, shopping malls and other places.

Device Management

The AWLC-5128 can be managed and maintained remotely via Telnet/Web and locally via CLI. Even administrators can monitor from different cities and different network at any time, manage and configure the device via web. The device provides high performance, easy installation, and easy maintenance and greatly save the manpower and material costs in the network layout.

THIS PRODUCT BRIEF IS SUBJECT TO CHANGE AND IS PROVIDED ON AN "AS-IS" BASIS.

SPECIFICATIONS

Ethernet Interfaces

WAN Port:	1x10/100/1000GE RJ45 port
LAN Port:	4x10/100/1000GE RJ45 port

Software Features

AP Management:	Max. managed users is 128 users, Max managed AP is 128 units, Centralized remote management & configuration the wireless AP
Intelligent Flow: Control	One key intelligent flow control, strong multiline shunt, Automatic Priority
Load Balancing:	Multi-WAN, multi-carrier access, Smart load equilibrium, Line backup, Internet speed superposition.
Routing Function:	Static routing and Policy routing based on the source IP address, destination IP address, source MAC address, network interface, domain name, destination port, external network interface, identity binding and other policies, Protocol binding and online testing
Behavior Mgmt.:	Fully blocking the P2P software, P2P flow control and bandwidth allocation, File transfer and URL filtering and full control of network behavior
Bandwidth: Control	An IP-based bandwidth control & Safeguard, Bandwidth limit, Time strategy, IP-based session limits
Security:	MAC address filtering, URL / keyword filtering, Web content filtering, IP address filtering, DMZ, TCP / UDP / ICMP flood defense, Block TCP scans, Block PING WAN port
ARP:	Sending GARP packet, ARP scan of the WAN / LAN port, IP-MAC binding
Authentication:	Local authentication (Wi-Fi authentication, SMS authentication, user authentication), Remote authentication (SMS authentication, user authentication)
Others	DDNS and VPN administration

Power Supply

AC Input:	100-240VAC, 50/60Hz

Physical

Operating Temp	-20°C to 55°C
Storage Temp	-40°C to 70°C
Humidity	5% to 95% Non-condensing
Dimensions	440mm (W) x 220mm (D) x 45mm (H)
Weight	2.1kg approx.
LED Indicators	LAN, WAN
Switch	Reset

** Contact Alphion Sales

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