YDS-GW8-500 V3.0-069
Industrial Gigabit POE Gateway 500users

Front View

Back View

Product Overview

YDS-GW8-500 V3.0-069 can be applied to AC to AP coverage gateway AC, wireless AP, industrial router. It is suitable for small and medium-sized enterprise coverage use.

Features

● **Support IPV6 Network**

The new generation of gateway supports IPV6 network, and solves the enterprise off-site networking access solution.

It is suitable for small and medium-sized enterprises to upgrade and expand the network system, and conveniently and uniformly manage all network equipment and terminal topology maps.

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Features

- **Unified Management, can manage up to 512 APs**

Automatically Discover and Assign IP Address: Automatically discover all working APs and assign IP addresses to APs, easy setting, plug and play.

Unified Configuration: Configure the SSID, AP password, End user access, AP threshold, restart AP, software upgrade, reset, transmit power and automatic channel adjustment.When the AP is activated, the wireless channel will be selected with the lowest interference based on intelligent channel analysis.

It supports manual and unified adjustment of AP transmit power to reduce mutual interference between APs and improve wireless network quality.

Real-time Monitoring: Support real-time monitoring AP status, and the AP status information show in the management interface.

Seamless Roaming: Support kvr fast roaming and 5G priority.

- **Enterprise Gateway Router with Gigabit Ethernet**

With 6*10/100/1000Mbps RJ45 ports, support PPPoE, dynamic IP, static IP, L2TP and PPTP access technology, it can adapt to various common broadband access methods such as ADSL, fiber, residential broadband.

- **Support multiple security modes(Guest network, Firewall)**

A guest network uses a different SSID from the wireless network that you and your employees access. It's designed specifically to provide visitors with Internet access while keeping your main Wi-Fi network separate and secure.

In addition, it supports a variety of firewall functions: IP port filtering, MAC filtering, URL filtering, port forwarding, DMZ, only allowing users who meet the rules to access the wireless network, and ensuring special network applications.

- **Support IP QOS**

Using IP QoS, we can assign a specific minimum or maximum bandwidth for each computer, which means they have less impact on each other.

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Features

- **Low Power Consumption, Power Saving, Environment Protection and Extend Service Life**

Operating power consumption is less than 30W. It allows its heat to be reduced, power saving and environmental protection, and extending the life of the device.

- **Cloud Management**

Support Todaair APP and cloud platform management, it provide the remote link to login the gateway interface in real time.

- **SD-WAN Remote Networking**

SD-WAN or software-defined local area networking is an emerging technological concept that aims to extend the principles behind SDN and NFV to the "access" or "edge" layer of the enterprise network.

The access layer is where users, guests, devices and machines connect to a company's secure corporate network. Use the latest and most secure asymmetric RSA / AES encryption for better security.

- **Network Overview/AC Management**

The new UI interface can view all network usage, support unified management of APs, bridges (CPE), switches, and realize automatic network topology discovery.

- **LAN/WAN Groups**

Support multiple LAN, WAN or WLAN groups for large network configuration and management.

- **VLAN（Guest Mode）**

The gateway can create virtual VLAN network segments to facilitate management of network security, terminal traffic and user access.
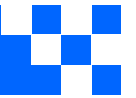
- **PORTAL Authentication**

Support multiple authentication methods such as user traffic statistics, charging package settings and print account information.

- **Firewall**

Gateway provides advanced firewall policies to protect network data and support guest account access to the network.

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Product Specification

CPU	Dual-core Intel Atom，X86
RAM	2G DDR3 RAM
Ports	10/100/1000M *6 RJ45
Indicator Light	SYS（Green）/PWR（Red）
Power Input	AC 110-240V
Standby Power	＜20W
End Users	＜500
Number of AC Support for Aps	＜512
Number of AC Support for APs/ CPEs	＜512
Operating Temperature	-30～50°C
Storage Temperature	-30～80°C
Humidity	10～90%（non-condensed）
Rack Mounting	Support 1U
Size&Weight	Bare Size：430*250*50MM
	N.W：2.8kg

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