

NEW



GSW-2008MS

8-Port 10/100/1000Base-T to 2-Port 100/1000Base-X Managed GbE Switch with Cable Tray Optional

The CTC Union GSW-2008MS is a managed Gigabit Ethernet CPE switch positioned as a layer 2 managed switch solution for high speed connectivity with popular traffic priority and management capabilities for small and medium businesses. It features 8-port 10/100/1000Base-T RJ45 and 2-100/1000Base-X SFP based fiber optics. The GSW-2008MS is designed with a high-performance switching architecture and offers wire-speed transportation capability for bandwidth-intensive applications of enterprises. More and more corporations are adapting new IT technologies over the network such as voice over IP, video conference to improve productivity and save operation expenditure. The GSW-2008MS also supports features such as VLAN, QoS, IGMP for multicast applications and network management to fulfill SMB requirements. The GSW2008 delivers a cost effective Gigabit Ethernet solution to meet the converged applications for enterprise customer's networks.

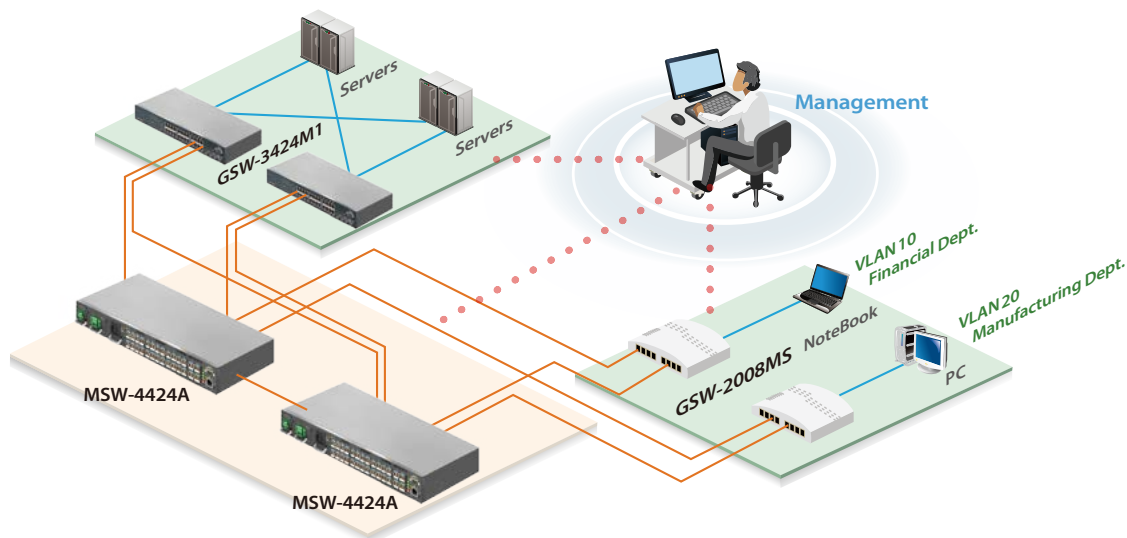
Features

- 8-port 10/100/1000Base-T RJ45 + 2 uplink 100/1000Base-X SFP slot
- Supports 9K Bytes jumbo frame
- Supports IEEE 802.1Q tagged VLAN & Q-in-Q VLAN stacking
- Supports IEEE 802.1p priority queue
- Supports IGMP snooping v1/v2/v3
- Fiber Cable Tray (optional)

Specifications

Interface	8x 10/100/1000Base-T + 2x 100/1000Base-X SFP	Management	Web/Telnet/SNMP management interface TFTP/HTTP firmware upgrade
HW capability	Non-blocking wire speed switching performance 9.6K bytes jumbo frame forwarding 8K MAC address table	SNMP agent	SNMP v1/v2c/v3
VLAN Feature	IEEE 802.1Q tagged VLAN, IEEE 802.1ad Q-in-Q	Optical interface	SFP LC connector
QoS Feature	IEEE 802.1p 8 priority queues per port	Power input	AC Power Adapter
Bandwidth Control	Per port based egress/ingress rate limit control	Operating Temperature	0 ~ 50°C
IP Multicasting	IGMP snooping v1/v2/v3	Humidity	5% ~ 90% (non-condensing)
Storm Control	Unicast/Broadcast/Multicast storm suppression	Dimensions	170 x 120 x 35mm (D x W x H)
		Certification	FCC, CE, RoHS compliant

Application



QoS with Four Priority Queues

The QoS (Quality Of Service) function provides eight priority queues to support different classifications of traffic. High priority packet streams experience less delay inside the GSW-2008MS, which supports lower latency for certain delay-sensitive traffic. The GSW-2008MS can classify the packet as one of the eight priorities according to VIP port.

Remote Firmware Upgrade

The remote firmware upgrade feature enables the switch to be updated remotely via firmware upgrade including the products that were already installed in the field. This feature eliminates the need for the users to ship the product back to the supplier.

Bandwidth Control

The Bandwidth Control function allows users to set the bandwidth of GSW-2008MS switch for both ingress and egress rate and can be allocated a variety of rates up to full bandwidth capability of the devices (100Kbps ~ 1000Mbps).

Broadband Services

The GSW-2008MS product philosophy allows the end user to follow and benefit fully from the fast developments in Fiber to the home-networking solutions. The CPE is the interface between the digital broadband network and the user peripheral equipment, such as routers, wireless access points, servers, and printers. With generations of computers and home networking equipment coming and going the GSW-2008MS will be a constant and reliable factor for the delivery of broadband data services.

These services are not limited to today's broadband internet applications. In the next few years, end-users will also benefit from next generation health-care, security, communication and infotainment services. The GSW-2008MS CPE platform fully supports today's services and is ready for the next wave of new broadband services. Flexibility is key, since the CPE functionality must be matched to the requirements of those new services.

Quick Installation

The installation of the wall-mount unit of GSW-2008MS CPE is swift and straightforward. Because of its size and ideal dimensions, the GSW-2008MS CPE can be positioned easily at the user residence or home. The GSW-2008MS design allows easy access for mounting and does not need the small elements, making the installation process predictable and hassle-free. The wall-mount unit, including integrated fiber tray, not only makes fiber handling and termination easy and robust, but also eliminates the need for optical patch cords.

Step 1

First, install fiber cable on the cable tray base.



Single Fiber

Dual Fiber

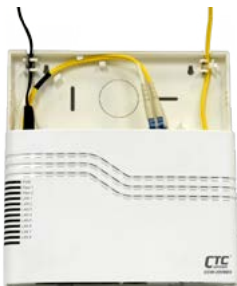
Step 2

Then, put the dust cover on the cable tray base and fasten two items with a screw securely.



Step 3

Use two wall-mounting holes on GSW-2008MS to install GSW-2008MS on the cable tray base. Connect the fiber cable connector to the SFP transceiver and connect the power cable.



Step 4

Finally, install the upper cover.



Ordering Information

Model Name	Description
GSW-2008MS	8-port 10/100/1000 Base-T to 2-port 100/1000 Base-X Managed GbE Switch (cable tray optional)

Specifications & design are subject to change without prior notice. Please visit CTC Union website for more details.