

CS-2208G-8P

8 Port 10/100/1000M Gigabit Web Managed PoE+ with 2 SFP Ports (160Watt Power)

EAN Code : 4712757159110



Introduction

CERIO CS-2000 Series Model: CS-2208G-8P is a powerful high-performance 8 port 10/100/1000Mbps web managed switch with 2 SFP Ports and is compliant with POE+ IEEE 802.3at and 802.3af standards. This layer 2 Web Management switch includes a 160watts internal power supply and supports 130 Watt PoE Power budget, port base IEEE802.1Q VLAN Tagging, IGMP snooping, and IEEE802.1p port-based QoS. **CS-2208G-8P** can solve the limitations of power outlet locations and offer system relocation convenience

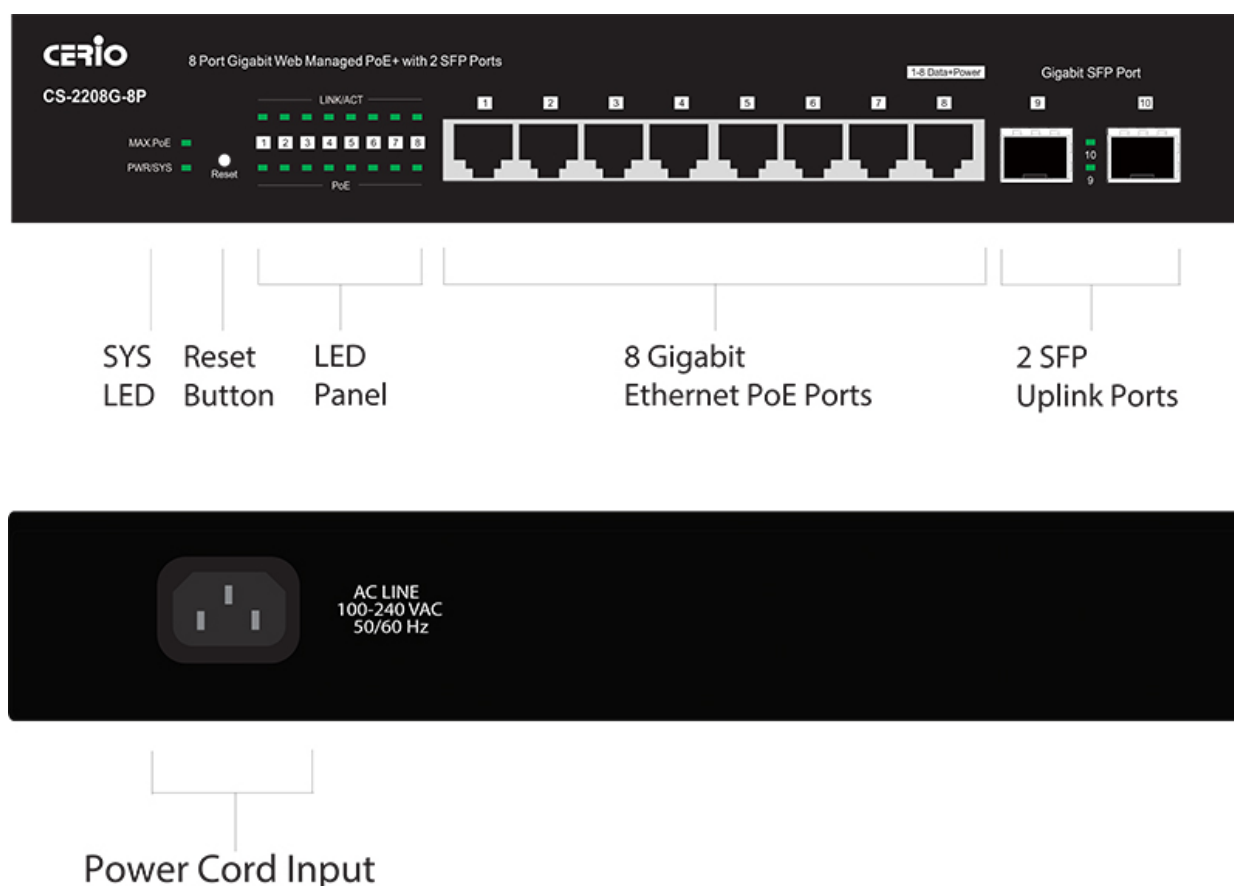
CERIO's CS-2208G-8P PoE+ Switch is designed for dispersing managed Power over Ethernet to small and large networks architectures. It is ideal for micro-segmenting large network into smaller networks, connecting subnets for improved performance, and enabling the bandwidth demanded for multimedia and imaging applications. Users can easily connect Wireless APs, VoIP phones, and IP Cameras to this switch for convenient power and data transmission. Over current protection and circuit shorting protection are also supported to ensure product safety. This high power device provides easy installation, avoids limitations of power outlet locations, and offers a simple solution for system relocation.

Highlight Features

- Complying with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T, IEEE 802.3z 1000Base-SX/LX , IEEE 802.3az EEE, IEEE-802.3af PoE, IEEE802.3at PoE+
- 8port 10/100/1000Mbps TX Auto-Negotiation Ethernet Switch , 8 Port Gigabit PSE / PoE function compliant with IEEE-802.3af class3 /class2/class1 and IEEE802.3at class4
- Supports 2 Gigabit SFP uplink ports for connecting MiniGBIC 1000Base-SX/LX fiber modules
- Supports PoE Green Power Energy Saving function to automatically detect connected devices and smartly direct necessary output wattage to only those ports to achieve green power saving
- Supports power of up to 30Watt/15.4Watt /7.5Watt/4Watt for each PSE/PoE port
- Internal 160 Watts power supply supports a maximum PoE power budget of 130 Watts
- Supports remote power control of PoE powered devices (PD), allowing by internet web on/off/restart control and supports monitoring of individual port PoE consumption (wattage)
- Full/Half-Duplex capability on each TX port , Auto-learning networking configurations
- Supporting flow control: back pressure for Half-duplex and IEEE 802.3x for Full-duplex mode

- Supports Store and Forward functionality
- Non-blocking & Non-head-of-line blocking full-wire speed forwarding
- Supports TP interface Auto MDIX function for auto TX/RX swap
- Provides **9K Jumbo frames** to improve network utilization of a large file transfers
- Supports up to 4K MAC addresses and Up to 1.5Mb Packet Buffer size
- VLAN and IEEE802.1Q tag-base VLAN based on ports & VIDs; add/remove/modify tag
- IEEE802.3ad Link Aggregation Port trucking (LACP)
- Provides IGMP snooping function
- Supports IEEE802.1p QoS with 4 Priority Queues and 8 Priority Weights, and Port- based QoS with 4 Priority Queues
- Supports Port Mirroring function
- Supports file backup and recovery
- Web-based management interface

Hardware Overview



Standards & Hardware Specifications

Network Standards Conformance	
IEEE 802.3 10Base-T	
IEEE 802.3u 100Base-TX,	
IEEE 802.3ab 1000Base-T,	
IEEE 802.3z 1000Base-SX/LX	
IEEE 802.3x Flow Control	
IEEE 802.3az EEE	
IEEE 802.1p QoS	
IEEE 802.1Q VLAN Tag	
IEEE 802.3ad Link Aggregation	
IEEE 802.3af Power over Ethernet (15.4 Watt PoE+)	
IEEE 802.3at Power over Ethernet Plus (30Watt PoE+)	
Port Configuration	
8 ports RJ-45 connectors for 10/100/1000 BASE-T and PSE/ PoE function	
2 SFP Uplink Ports	
Hardware Reset	
Reset button for returning to factory settings	
Media Access Protocol	
CSMA / CD	
Network Media	
10BASE –T: UTP Cat. 3 or up,	
100BASE-TX: UTP Cat. 5 or up,	
1000BASE-T: UTP Cat. 5 or up	
Transmission Method	
Store and Forward	
MAC Address Table	
4K	
Built-in Buffer	
1.5Mb	
Jumbo Frame	
9K	
Data Transfer Rate	
10/100/1000Mbps (Half-duplex),	
20/200/2000Mbps (Full-duplex)	
Auto MDI/MDIX	
Yes	
LED Indicators	
Per Port: Link/Act Status	x8
Per Port: PoE Status	x8
Gigabit SFP Port: Connection Status	x2
Max. PoE (PoE Load greater than 70% warning)	x1
Per Unit: Power/SYS	x1
Internal Bus Speed	
20Gbps	

Switch Specifications

Link Aggregation	
IEEE802.3ad LACP Link Aggregation Supported	
Port Mirror	
Supported	
Quality of Service (QoS)	
Supports IEEE 802.1p QoS, Port-based QoS	
IGMP Snooping	
Supported	
VLAN	
IEEE802.1Q Tagging VLAN, Port-Based ,Tag based VLAN	

Environmental & Mechanical Characteristics

Power Type	
160 Watt Internal Power Supply	
PoE Power Budget	
53V for 130Watt (shared) for all PoE ports	
Power Consumption	
53V for 10.5 Watt (max. with no PoE Device connected)	
PoE Power Output	
Up to 30W per port, 53V DC	
Power Requirement	
AC 100~240VAC, 50-60Hz Auto-sensing	
Operating Temperature	
0° to 40° C	
Storage Temperature	
-40° to 70° C	
Operating Humidity	
10% to 90% non-condensing	
Storage Humidity	
5% to 90% non-condensing	
Dimensions	
265 x 184 x 44 mm	
Unit Weight	
1.65kg	
Certifications	
FCC, CE, RoHS-Compliant	

Package Contents

Contents		
CS-2208G-8P Main Unit		x1
CD Manual		x1
Power Cord		x1
19" Mount Brackets		x1
Warranty Card		x1