CS-1216G-16P

16 Port 10/100/1000M Gigabit PoE+ Switch with 2 Combo Gigabit Ports (400Watt Power)

EAN Code : 4712757159349

Introduction

The CERIO **CS-1216G-16P** is a powerful high-performance **16 port POE Gigabit switch and supports 2 combo Gigabit UTP/SFP uplink ports.** The model is compliant **with POE+ IEEE 802.3at and 802.3af standards, and defines new green power saving idea on the PSE Port. CS-1216G-16P** bundle 400watt internal power supply. All 16 ports capable of 10/100/1000Mbps auto-negotiation operation (NWay). This means the switch could automatically negotiate with connected partners on the network speed and duplex mode.
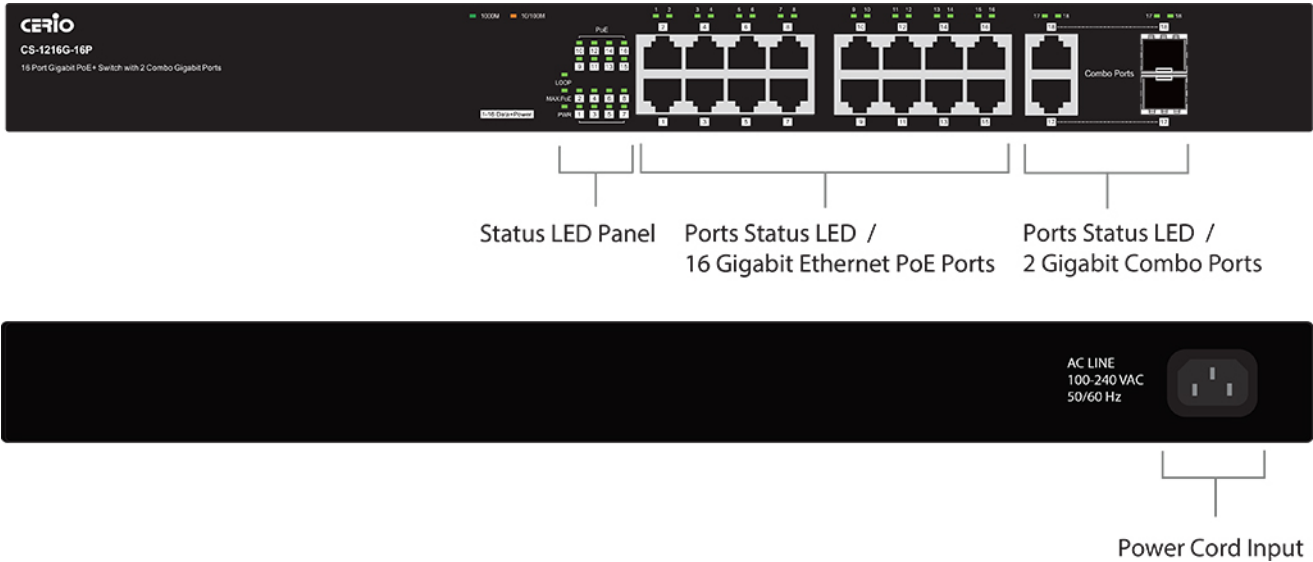
CS-1216G-16P PoE+ Switch is designed for SMB deployment and can also be upgraded to 1U" chassis for standard rack mounting. It is ideal for micro-segmenting large network into smaller networks, connecting subnets for improved performance, and enabling the bandwidth demanded for multimedia and imaging applications. **CS-1216G-16P supports a PoE power budget of 350 watt**, enough to reliably power devices on all ports.

CS-1216G-16P's hardware utilizes a metal housing, making it a durable and safety PoE solution for homes and businesses. By integrating the data transmitting cable and power cord, it eliminates the hassle of constructing your network. You could **easily connect Wireless AP or VoIP phone or IP Camera** to this switch without looking for power outlets. Over current protection and circuit shorting protection are also supported to ensure product safety.

Highlight Features

- Complying with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE802.3ab 1000Base-T, IEEE-802.3af PoE ,IEEE802.3at PoE+.
- 16port 10/100/1000Mbps TX Auto-Negotiation Ethernet Switch , supports 16 Port Gigabit PSE / PoE function, compliant with IEEE-802.3af class3 /class2/class1 and IEEE802.3at.
- Supports 2 combo Gigabit UTP/SFP uplink ports and IEEE 802.3ab 1000Base-T, IEEE 802.3z 1000Base-SX/LX.
- Supporting the power up to 30Watt /15.4Watt /7.5Watt /4Watt for each PSE/PoE port.
- Internal 400 Watt power supply supports a maximum PoE power budget of 350 Watt.
- Full/Half-Duplex capability on each TX port , Auto-learning networking configurations.
- Supports Store & Forward architecture and performs forwarding and filtering.
- Flow control: back pressure for Half-duplex and IEEE 802.3x for Full-duplex mode.
- Support Jumbo Frame 9K.
- Non-blocking & Non-head-of-line blocking full-wire speed forwarding.
- Supports TP interface Auto MDIX function for auto TX/RX swap.
- Automatic Source MAC Address Learning and Aging.
- Supports up to 8K MAC addresses, Up to 4.1Mbits buffer.

CERIO
Amplify your Wireless Network

Hardware Overview

Status LED Panel   Ports Status LED / 16 Gigabit Ethernet PoE Ports   Ports Status LED / 2 Gigabit Combo Ports

AC LINE
100-240 VAC
50/60 Hz

Power Cord Input

Standards & Hardware Specifications

Network Standards Conformance
IEEE 802.3 10Base-T
IEEE 802.3u 100Base-TX
IEEE802.3ab 1000BASE-T
IEEE 802.3az Energy Efficient Ethernet- EEE
IEEE 802.3x Flow Control
IEEE 802.3af Power over Ethernet (15.4 Watt PoE)
IEEE 802.3at Power over Ethernet Plus (30Watt PoE+)

Port Configuration
16ports RJ-45 connectors for 10/100/1000Mbps (With PSE/ PoE+ function)
2 port Gigabit Combo Ports SFP/ UTP

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
8K

Built-in Buffer
4.1Mb

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	x16
Per Port: PoE Status	x16
Per Unit: MAX PoE	x1
Per Unit: Loop	x1
Per Unit: PWR	x1
Per Unit: Combo ports (UTP/SFP)	x2

Case of Material
Metal case

Internal Bus Speed
36Gbps

Environmental & Mechanical Characteristics

Power Type
400 Watt Internal Power Supply

PoE Power Budget
54V for 350 Watt (shared) for all PoE ports

Power Consumption
12V for 14.9 Watt (with no connected devices)

PoE Power Output
Up to 30W per port, 54V 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 (W x H x D)
441 x 196 x 44 mm

Unit Weight
3.13kg

Production Location
TW or CN

Certifications
FCC, CE, RoHS-Compliant

Package Contents

Contents	
CS-1216G-16P Main Unit	x1
Power Code	x1
Quick Installation Guide Booklet	x1
19" Rack Mount Brackets	x1
Warranty Card	x1