

# CS-242G-POE



## 24-Port PoE Switch

### Introduction

CS-242G-POE is an 24-port PoE switch, which provides 24 10/100Mbps PoE ports and 2 Gigabit combo ports. All ports support wire speed, non-blocking switching and auto MDI/MDIX. Besides common switch features, CS-242G-POE supports EXTEND mode special for video surveillance. When EXTEND mode is enabled, the transmission distance with CBON can reach up to 250m.

### Key Features

- 24×10/100Mbps Ethernet ports
- 2×Gigabit combo ports (RJ45 and SFP)
- All 100Mbps ports support PoE
- PoE complies with IEEE802.3af/at, up to 30W for single port
- Up to 250m transmission distance on EXTEND mode
- Easy to use, no need to configure
- High quality with all metal housing

### Specifications

Item	Description
Ports	24×10/100Base-TX autosensing Ethernet ports(all support PoE) 2×Gigabit combo ports (RJ45 and SFP)
Port attribute	10/100/1000Mbit/s transfer rate Half-duplex, full-duplex and auto-negotiation Auto MDI/MDIX
Standards	IEEE 802.3u 100BASE-TX

Item	Description
	IEEE 802.3ab 1000BASE-T IEEE 802.3z 1000BASE-X ANSI/IEEE 802.3 NWay IEEE 802.3x flow control IEEE 802.3af and IEEE 802.3at PoE PoE
MAC	4K
Packet forwarding rate	6.55Mpps
Switching capacity	8.8Gbps
EXTEND mode	Disabled: all ports can communicate with each other, and monitoring optimization is disabled. Enabled: downlink ports can only communicate with uplink ports; monitoring optimization is enabled, and transmission distance can be extended to up to 250 meters.
Status LEDs	Link/Act (steady green): link is normal Link/Act (flashing green): data is being forwarded Link/Act (off): no link
	PoE (steady orange): the port is powering a powered device properly PoE (off): the port is not connected to any powered device or is not supplying power
	Power (steady green): AC input is normal Power (off): AC input is abnormal
PoE	802.3at/af Max PoE capacity: 400 W
Consumption	≤ 450 W
AC voltage	100-240 V
Operating temperature	0°C-40°C (32°F-104°F)
Operating humidity	10%-85%
Storage temperature	-10°C-70°C (14°F-158°F)
Storage humidity	10%-90%
Dimensions (W×D×H)	440mm×280mm×44mm (17.3"×11"×1.7")