

## 10-Port Gigabit PoE Cloud Managed Switch

# XCPOE-SW802G

### Key Features



- Eight Gigabit PoE ports
- Two Gigabit uplink ports (2 x RJ-45 ports)
- 110 W PoE power budget
- IEEE 802.3af, IEEE 802.3at, and IEEE 802.3bt power supply standards.
- Easy-to-use web-based and Cloud-based management interface
- Extend PoE signal up to 820 ft. (250 m) at 10 Mbps
- 20 Gbps switching capacity

## Specifications

## XCPOE-SW802G

General	
PoE Ports	8 x 10/100/1000 Mbps PoE / PoE+ / PoE++ ports
Uplink Ports	2 x 10/100/1000 Mbps RJ-45 ports
PoE Standards	IEEE 802.3af; IEEE 802.3at (PoE+); IEEE 802.3bt (PoE++)
Network Standards	IEEE 802.3; IEEE 802.3u; IEEE 802.3x; IEEE 802.3ab
PoE Port Power	Ports 1 ≤ 90 W(PoE++), Port 2-8 ≤ 30 W(PoE+)
Total Power Budget	110 W
PoE Pin Assignment	1, 2, 4, 5 (V+), 3, 6, 7, 8 (V-)
Performance	
Switching Capacity	20 Gbps
Packet Forwarding Rate	14.8 Mpps
MAC Table Capacity	8,000
Packet Buffer Size	4.1 Mbit
MTBF	127.3 years
Feature	
Layer(s)	2
Port Configuration	Port rate configuration, flow control, and ports enabling
PoE Watchdog	Ports 1 to 8 auto detect and restart the cameras that do not respond.
Long Distance Transmission	Up to 820 ft. (250 m) at 10 Mbps on PoE ports
VLAN	Port based VLAN
VLAN Number	32
IEEE 802.3x Flow Control	✓
Storm Control	Storm control of unknown unicast, multicast and broadcast
Port Mirroring	✓
Port Isolation	✓
LLDP	✓
Port Isolation	✓
DHCP Function	DHCP Client
Physical & Environmental	
Power Supply	54V DC, 2.22 A, external power supply
Power Consumption in Idle	6 W
Power Consumption in Total	110 W
Surge Protection	Power port: 4 kV / 2 kV   Telecom port: 8 kV
Operating Temperature	14° to 131° F (-10° to 55° C)
Storage Temperature	-40° to 158° F (-40° to 70° C)
Operating Humidity	5%-95% (RH), non-condensing
Storage Humidity	5%-95% (RH), non-condensing
Dimensions (L x W x H)	7.48 x 4.17 x 1.18" (190 x 106 x 30 mm)
Net Weight	1.21 lb (0.55 kg)
Gross Weight	2.87 lb (1.3 kg)
Shell Materials	Metal
Certifications	FCC: Part 15 Subpart B

## Dimensions (mm[inch])



## Physical Interface

