

20-Port Gigabit PoE Cloud Managed Switch

XCPOE-SW1602G



Key Features

- Sixteen Gigabit PoE ports
- Four Gigabit uplink ports (2 x SFP ports plus 2 x RJ-45 ports)
- 240 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
- 40 Gbps switching capacity

Specifications

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General	
PoE Ports	16 x 10/100/1000 Mbps PoE/PoE+/PoE++ ports
Uplink Ports	2 x 100/1000 Mbps SFP ports and 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; IEEE 802.3z
PoE Port Power	Ports 1-2 ≤ 90 W (PoE+), Port 3-16 ≤ 30 W (PoE+)
Total Power Budget	240 W
PoE Pin Assignment	1, 2, 4, 5 (V+), 3, 6, 7, 8 (V-)
Performance	
Switching Capacity	40 Gbps
Packet Forwarding Rate	29.8 Mpps
MAC Table Capacity	8,000
Packet Buffer Size	4.1 Mbit
MTBF	86.94 years
Feature	
Layer(s)	2
Port Configuration	Port rate configuration, flow control, and port enabling
PoE Watchdog	Ports 1 to 16 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	100 ~ 240V DC, 47-63 Hz, max 4 A, internal power supply
Power Consumption in Idle	8.3 W
Power Consumption in Total	265 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)	17.32 x 8.66 x 1.73" (440 x 220 x 44 mm)
Net Weight	5.21 lb (2.37 kg)
Gross Weight	6.64 lb (3.02 kg)
Shell Material	Metal
Certifications	FCC: Part 15 Subpart B

Dimensions (mm [inch])



Physical Interface

