20-Port Gigabit PoE Cloud Managed Switch
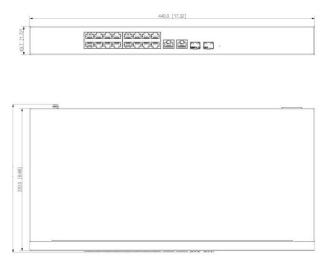
XCPOE-SW1602G

Key Features

- 16 x Gigabit PoE ports

- 4 x Gigabit uplink ports (2 x SFP ports plus 2 x RJ-45 ports)

- 240W PoE power budget

- IEEE802.3af, IEEE802.3at, and IEEE802.3bt power supply standards.

- Easy-to-use web-based and Cloud-based management interface

- Extend PoE signal up to 820 ft./250m at 10Mbps

- 40Gbps switching capacity

Specification

General

PoE Ports	16 x 10/100/1000Mbps PoE/PoE+/PoE++ ports
Uplink Ports	2 × 100/1000Mbps SFP ports and 2 x 10/100/1000Mbps RJ-45 ports
PoE Standards	IEEE802.3af; IEEE802.3at(PoE+); IEEE802.3bt(PoE++)
Network Standards	IEEE802.3; IEEE802.3u; IEEE802.3x; IEEE802.3ab;IEEE802.3z
PoE Ports Power	Ports 1-2 ≤ 90 W(PoE+), Port 3-16 ≤ 30 W(PoE+)
Total Power Budget	240W
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	Layer 2
Port Configuration	Port rate configuration, flow control, and ports enabling
PoE Watchdog	Ports 1 to 16 auto detect and restart the cameras that do not respond.
Long Distance Transmission	Up to 820 ft./250m at 10Mbps on PoE ports
VLAN	Port based VLAN
VLAN Number	32
IEEE 802.3x Flow Control	Support
Storm Control	Storm control of unknown unicast, multicast and broadcast
Port Mirroring	Support
Port Isolation	Support
LLDP	Support
Port Isolation	Support
DHCP Function	DHCP Client

Physical & Environmental

Power Supply	100-240 VDC, 47-63 Hz, max 4 A, internal power supply
Power Consumption in Idle	8.3W
Power Consumption in Total	265 W
Surge Protection	Power port: 4 kV/2 kV Telecom port: 8 kV
Operating Temperature	－10°C to +55°C(+14°F to +131°F)
Storage Temperature	－40°C to +70°C(－40°F to +158°F)
Operating Humidity	5%－95% (RH), non-condensing
Storage Humidity	5%－95% (RH), non-condensing
Dimensions	440 mm × 220 mm × 44 mm (17.32" × 8.66" × 1.73") (L× W × H)
Net Weight	2.37 kg (5.21 lb)
Gross Weight	3.02 kg (6.64 lb)
Shell	Metal material
Certifications	FCC: Part 15 Subpart B

Dimensions (mm[inch])

440.0 [17.32]

43.7 [1.72]

220.0 [8.66]

Physical Interface