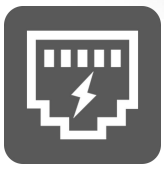
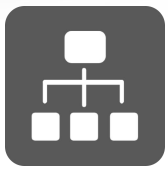
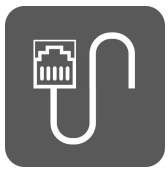
Model: POE-G082G

Full Gigabit Ports


IEEE802.3af/at Support

250m PoE Extend


Port-based VLAN


Plug&Play

Fanless & Quiet Design

10-Port Gigabit Ethernet Switch with 8-Port PoE

Introduction

10 port gigabit ethernet PoE switch provide seamless connections to 10/100/1000M Ethernet, PoE is an Ethernet power supply that transmits data signals to IP-based terminals, such as IP phones, wireless access aps, and network cameras. and the PoE supply port can automatically detect and supply receiving devices meeting IEEE802.3af/at standard, non-PoE devices intelligently detect no power and only transmit data.

Power over Ethernet (PoE) technology transmits data signals for IP-based terminals (such as IP phones, APs, and network cameras) and provides DC power for the devices. These devices that receive DC power are called receiving devices.

With simple installation and maintenance methods and rich service functions, it helps users build high-performance networks that are secure and reliable. It is mainly located in industrial parks, buildings, factories, mines, government agencies, residential broadband and other user network core or fusion layer.

Key Features

- 8*10/100/1000M PoE Ports + 2*1000M Ethernet Ports
- Support IEEE 802.3, IEEE 802.3u, IEEE 802.3u, IEEE802.3x standard
- Ethernet Ports support 10/100/1000M self-adaptive
- The AI mode is automatically enabled 10M speed for Ports 7-8 in Extend mode
- POE priority is supported, from port 1 to port 8, which is enabled by default

10-Port Gigabit Ethernet Switch with 8-Port PoE

- Flow control mode: full-duplex adopts IEEE 802.3x standard, half-duplex adopts Back pressure standard
- Zero configuration feature, automatically supplied to adaptive equipment
- Panel indicator monitoring status and help failure analysis
- With DIP switch, support VLAN, Default and Extend modes

Application Environment

- Metro Optical Broadband Network: Data network operators such as telecommunications, cable TV, and network system integration,etc
- Broadband private network: Suitable for financial, government, oil, railway, electric power, public security, transportation, education and other industries
- Multimedia transmission: Integrated transmission of images, voice and data, suitable for remote teaching, conference TV, videophone and other applications
- Real-time monitoring: Simultaneous transmission of real-time control signals, images and data

Secification

I/O Interface	
Power	Input: AC Input (100-240V)
Ethernet	8* Gigabit PoE Ethernet Ports 2* Gigabit Uplink Ethernet Port
Performance	
Bandwidth	20Gbps
Pack forward rate	14.88Mpps
Memory Cache	448K
MAC Address	2K
Jumbo Frame	2048bytes
Transfer Mode	Store and forward
MTBF	100000 Hours
Standard	
Network Protocol	IEEE802.3 (10Base-T) IEEE802.3u (100Base-TX) IEEE802.3ab (1000Base-TX) IEEE802.3x (Flow control)
PoE Protocol	IEEE802.3af(15.4W) IEEE802.3at(30W)

10-Port Gigabit Ethernet Switch with 8-Port PoE

Industry Standard	EMI: FCC Part 15 CISPR (EN55032) class A EMS: EN61000-4-2 (ESD), EN61000-4-5 (Surge)
Network Medium	10Base-T : Cat3, 4, 5or above UTP(≤100m) 100Base-TX : Cat5 or above UTP(≤100m) 1000Base-TX : Cat5 or above UTP(≤100m)
Certification	
Safety Certificate	CE, FCC, RoHS
Environment Standard	
Working Environment	Working Temperature: -10~50˚C Storage Temperature: -40~70˚C Working Humidity: 10%~90%, non-condensing Storage Temperature: 5%~90%, non-condensing
Function Indicator	
Indicator	PWR (Power)，1-10 Green Light (Link&Data)
PWR	On: Powered on Off: Powered off
1-10 Green Light (Link&Data)	On: Link normal Off: Link blocked Flashing: Data transmitting
DIP Mode	VLAN(V)：Isolation mode. Ports 1 to 8 are isolated and communicate with the upstream interface. Default(D)：Normal mode, all interfaces can communicate with each other, the transmission distance is less than 100 meters, the transmission rate is 10/100/1000M adaptive; The port AI mode is disabled. Extend(E)：Link extension mode, 7-8 ports force 10M, transmission distance extend to 250M.
Physical Structure	
Structure Size	Product size: 200*118*44mm Package size: 245*190*60mm Net weight: 0.71KG Gross weight: 0.99KG
Power Voltage	Input voltage :AC100-240V Power supply: 52V2.3A (120W)
Packing List	Switch 1 PC, Power cord 1 PC, User manual 1 PC