Introduction

27 Port Gigabit Uplink 24 Port 100M PoE Switch, using high-quality high-speed network IC and the most stable PoE chip, PoE Port support 802.3af and 802.3at standard both, this series of PoE Switch can be 10/100M Ethernet The network provides a seamless connection, and the PoE power port can automatically detect and power the powered devices that comply with the IEEE802.3af or IEEE802.3at standards. The non-PoE device intelligently detects no power and only transmits data.

PoE is Power over Ethernet, which refers to the transmission of data signals to some IP-based terminals (such as IP phones, wireless access APs, network cameras, etc.), but also provides DC power for this device. Technology, these devices that receive DC power are called powered devices.

Main Features

❖ 24*10/100M POE ports + 2* 10/100/1000M Ethernet Uplink ports+1* Gigabit SFP Uplink Port；

❖ Comply with IEEE 802.3, IEEE 802.3u, IEEE802.3ab ,IEEE802.3z IEEE802.3x standards；

❖ Ethernet port supports 10/100M adaptive；

❖ Flow control mode: full-duplex adopts IEEE 802.3x standard, half-duplex adopts Back pressure standard；

❖ Support port auto flip (Auto MDI/MDIX)；

Shenzhen GZCOM Communication Co., Ltd. 1

Desktop PoE Hybrid Gigabit Switch (GZM-1100-1F24P2U-D)
10/100Mbps Commercial Unmanaged PoE Switch
1SFP+2 UTP+24PoE Port, Integral Power supply

GZCOM

- ❖ Automatically supplied to adaptive devices；

- ❖ Panel indicator monitoring status and help failure analysis；

- ❖ Support for VLAN mode, OFF mode and Extend mode；

- ❖ Compatible with 1 U rack installation

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

Specifications

I/O Interface	
Power	Input: AC 100-240V, 50/60Hz
Ethernet	24 *10/100M PoE Port 2* 10/100/1000M Ethernet Uplink ports 1* Gigabit SFP Uplink Port
Performance	
Switching Capacity	10.8Gbps
Throughput	8.035Mpps
Packet Buffer	1.5Mb
MAC Address	2K
Jumbo Frame	9216bytes
Transfer Mode	Store and forward
MTBF	100000 hour
Standard	

Desktop PoE Hybrid Gigabit Switch (GZM-1100-1F24P2U-D)
10/100Mbps Commercial Unmanaged PoE Switch
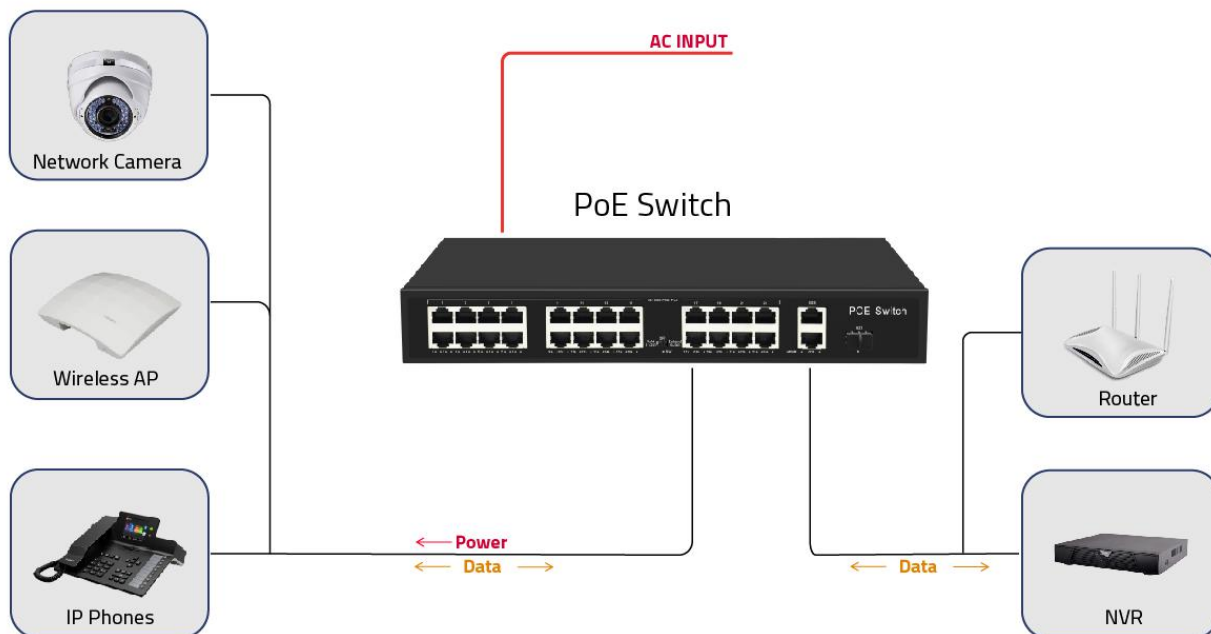**1SFP+2 UTP+24PoE Port, Integral Power supply**

GZCOM

Network protocol	IEEE802.3 (10Base-T)
	IEEE802.3u (100Base-TX)
	IEEE802.3ab(1000Base-TX)
	IEEE802.3z(1000Base-FX)
	IEEE802.3x (Flow control)
PoE Protocol	IEEE802.3af （15.4W）
	IEEE802.3at （30W）
Industry Standard	EMI: FCC Part 15 CISPR (EN55032) class A
	EMS: EN61000-4-2 (ESD)、
	EN61000-4-4 (EFT)、
	EN61000-4-5 (Surge)
Network Medium	10Base-T : Cat3、4、5 or above UTP(≤100m)
	100Base-TX : Cat5 or above UTP(≤100m)
	1000Base-TX : Cat5 or above UTP(≤100m)
Optical Media	Multimode fiber : 50/125, 62.5/125, 100/140μm
	Single mode fiber: 8/125, 8.7/125, 9/125, 10/125μm
Protection	
Security Certificate	CE、FCC、RoHS
Environment	
Working Environment	Working Temperature：-20~50°C
	Storage Temperature：-40~85°C
	Working Humidity ：10%~90%，non-condensing
	Storage Temperature：5%~90%，non-condensing
	Working Height：Maximum10,000 feet
	Storage heigh：Maximum 10,000 feet
Indication	
LED Indicators	PWR（power supply）,SW（DIP）,1-27 Green（Link&Data）
PWR	Lighting：Powered
	Un-Light：No Power
SW	Lighting：VLAN
	Un-Light：OFF
	Flashing：Extend
1-27 Green	Lighting：Connecting
	Flashing：Data Transmit
	Un-Light：Disconnect
DIP Switch	VLAN ,OFF ,Extend

Desktop PoE Hybrid Gigabit Switch (GZM-1100-1F24P2U-D)
10/100Mbps Commercial Unmanaged PoE Switch
1SFP+2 UTP+24PoE Port, Integral Power supply

GZCOM

VLAN	Port isolation mode. In this mode, the PoE ports (1-24) of the switch cannot communicate with each other, and can only communicate with the UP-link port.
OFF	Normal mode, all port can communicate with each other, the transmission distance is within 100 meters, the transmission rate is 10M / 100M adaptive
Extend	Link extension mode, 9-24 ports PoE power supply and data transmission distance can be extended to 250 meters, the transmission rate becomes 10M
Mechanical	
Structure Size	Product Dimension (L*W*H): 320*207*45mm Package Dimension (L*W*H): 370*290*85mm N.W：1.9kg G.W：2.4kg
Packing Info	Carton MEAS：445*310*390mm Packing Qty：5 units Packing Weight：13KG
Power Voltage	Input Voltage ： AC 100-240 V Power supply：52V5.76A
Package List	Switch 1 pcs, Power cord 1 pcs, User manual 1 pcs, Certification 1 pcs, Brackets 1 pair
Ordering Info	
GZM-1100-1F24P2U-D	27 Port Gigabit Uplink 24 Port 100M Desktop PoE Switch(300w)

Application

Shenzhen GZCOM Communication Co., Ltd. 5

Email: sales@gzcomm.com
https://www.gzcomm.com