

Introduction

10-Ports 10/100/1000M PoE Switch with 8*10/100/1000M PoE Ports + 2*1000M RJ45 Port, using high-quality high-speed network IC and the most stable POE chip, POE port meets 802.3af / 802.3at standard, this series of PoE Switch can be 10/100/1000M 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 / 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.

With simple and convenient installation and maintenance methods and rich business features, it helps users to build a safe and reliable high-performance network. It is mainly located in the core or convergence layer of user networks such as industrial parks, buildings, factories and mines, government agencies, and residential broadband; it can be widely used in Ethernet access scenarios such as small and medium-sized enterprises, Internet cafes, hotels, and schools.

Main 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;
- ❖ 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;
- ❖ Support Surge protection: Common mode 4KV; ESD: Air 8KV, Contact 6KV.

Shenzhen GZCOM Communication Co., Ltd.

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

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	AC100-240V50/60Hz
Ethernet	8* Gigabit PoE Ethernet Ports 2* Gigabit Uplink Ethernet Port
Chipset	2*RTL8367S RTL8238B
Performance	
Bandwidth	20Gbps
Pack forward rate	14.88Mpps
Memory cache	448Kb
MAC address	2K
Jumbo Frame	9216bytes
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)

PoE Switch (GZM-1000-2U8P)
10 Port Full Gigabit Intelligent Standard PoE Switch
2 UTP+8PoE Port, Integral Power supply



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, 5 or above UTP($\leq 100\text{m}$) 100Base-TX : Cat5 or above UTP($\leq 100\text{m}$) 1000Base-TX : Cat5 or above UTP($\leq 100\text{m}$)
Certificate	
Safety Certification	CE, FCC, RoHS
Environment Standard	
Working Environment	Working Temperature: $-10\sim 50^{\circ}\text{C}$ Storage Temperature: $-40\sim 70^{\circ}\text{C}$ Working Humidity: 10%~90%, non-condensing Storage Temperature: 5%~90%, non-condensing
Indicator	
LED 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 Switch	VLAN: Isolation mode. Ports 1 to 8 are isolated and communicate with the upstream interface.(enable POE watchdog) Default: common 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: Link extension mode, 7-8 ports force 10M, link 250M (enable POE watchdog)
Physical Specification	
Structure Size	Product Dimension: 220*161*44mm Package Dimension: 315*215*85mm N.W: 0.88kg G.W: 1.38kg
Packaging Info	Carton MEAS: 445*445*335mm Packing Qty: 10 units Packing Weight: 14.8KG
Power Voltage	Input Voltage: AC 100-240 V 50-60Hz Power Supply: 52V2.3A
Power	< 30W

Shenzhen GZCOM Communication Co., Ltd.

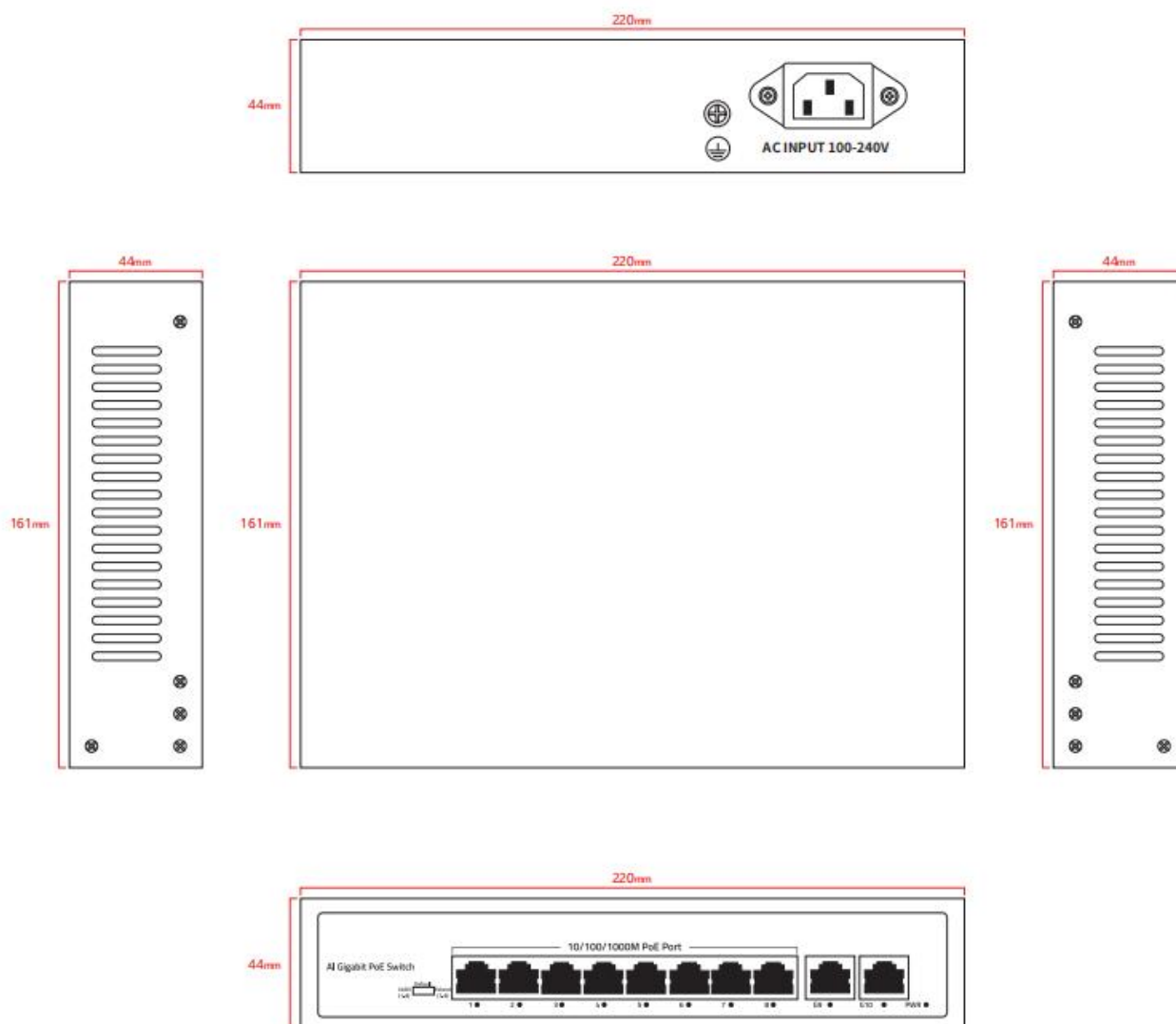
Email: sales@gzcomm.com
<https://www.gzcomm.com>

PoE Switch (GZM-1000-2U8P)
10 Port Full Gigabit Intelligent Standard PoE Switch
2 UTP+8PoE Port, Integral Power supply



Packaging List	Switch 1 PC, Power cord 1 PC, User manual 1 PC, Certification 1 PC
Order Info	
GZM-1000-2U8P	10 Port Gigabit PoE Switch

Product Structure



GZCOM reserves the right to make changes to the products or information contained herein without notice. No liability is assumed as a result of their use or application. No rights under any patent accompany the sale of any such products or information.

Published by Shenzhen GZ Communication Co., Ltd.

Copyright ©GZCOM

All Rights Reserved

Shenzhen GZCOM Communication Co., Ltd.

Email: sales@gzcomm.com

<https://www.gzcomm.com>