

# 8-Port Gigabit Intelligent Ethernet Switch

## 【Introduction】

The 8-port Gigabit intelligent Ethernet switch adopts high-quality and high-speed network ICs, and this product completely solves the problem of noise of small switches in the office environment through the fanless mute design. This switch has 8 Gigabit RJ45 ports, can provide seamless connection for 10/100/1000M Ethernet, supports three working modes, one-key smart simple switching working mode, easy to manage and maintain, the product can be widely used in Security network video surveillance, hotel, campus, small and medium-sized enterprise network engineering and other occasions.

## 【Main Features】

- 8\*10/100/1000M RJ45 Ports
- Apply to IEEE802.3、IEEE802.3u、IEEE802.3ab standard
- Ethernet port supports 10/100/1000M adaptive
- Support auto MDI/MDIX
- Panel indicators to monitor working status and help fault analysis
- One-key smart switch, supports VLAN, Default, Extend three modes
- Flow control, full duplex adopts IEEE802.3x standard, half duplex adopts Backpressure standard
- Port 1-2 supports Qos data priority
- Support Loop Alarm

## 【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

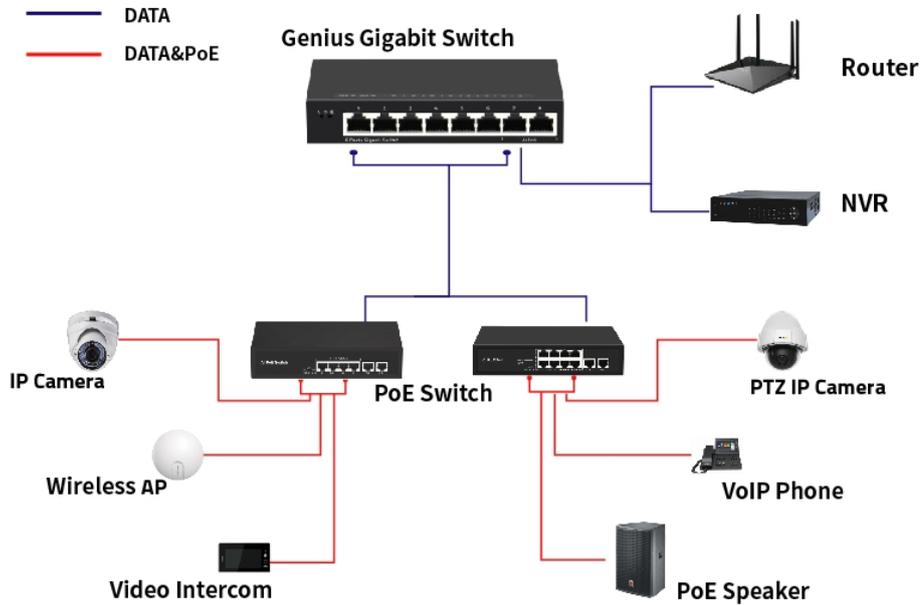
## 【Specifications】

I/O Interface	
Power	DC 5V
Ethernet	8*RJ45 10/100/1000Mbps Ports
Performance	

Switching Capacity	16Gbps
Throughput	11.9Mpps
Packet Buffer	2.5M
MAC Address	1K
Jumbo Frame	2K
Transfer Mode	Store and forward
MTBF	100000 hour
<b>Standard</b>	
Network protocol	IEEE802.3 (10Base-T) IEEE802.3u (100Base-TX) IEEE802.3ab (1000Base-TX) IEEE802.3x (Flow control)
Industry Standard	EMI: FCC Part 15 CISPR (EN55032) class A EMS: EN61000-4-2 (ESD)、EN61000-4-4 (EFT) Shock: IEC 60068-2-27 Free Fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Network Medium	10Base-T : Cat3,4,5 or above UTP( $\leq 100m$ ) 100Base-TX : Cat5 or above UTP( $\leq 100m$ ) 1000Base-TX : Cat5 or above UTP( $\leq 100m$ )
<b>Protection</b>	
Security Certificate	CE、FCC、RoHS
<b>Environment</b>	
Working Environment	Working Temperature: -10~50° C Storage Temperature: -40~70° C Working Humidity : 10%~90%, non-condensing Storage Temperature: 5%~90%, non-condensing Working Height: Maximum 10,000 feet Storage height: Maximum 10,000 feet
<b>Indication</b>	
LED Indicators	PWR (Power indicator)、Link (Network Link)、LOOP (Loop alarm)
DIP Switch	VLAN: Port Isolation, 1-6 ports are isolated each other, all communicate with uplink port 7/8; Default: Default mode, Support loop alarm; Extend: Monitor Mode, 1-6 ports support 100M speed reduction negotiation, support 250 meters in 10Mbps/s mode, port 7 and port 8 as uplink port;
<b>Mechanical</b>	
Structure Size	Product Size: 137*77*25mm Package Size: 175*120*63mm Product Net-Weight: 0.3kg

	Product Gross-Weight: 0.5kg
Packing Info	MEAS: 505*320*400mm Packing Qty: 40 unit Packing weight: 21KG
Power Voltage	Power Input Voltage : AC 100-240 V Switch Input Voltage:: DC 5V
Package List	Switch 1 pcs, Power Adapter 1 pcs, User manual 1 pc, Warranty card 1 pc
Ordering Info	
GZM-1000-8R	8-Port Gigabit Intelligent Ethernet Switch

**【Application】**



**【Product Picture】**

