

Description

GZMI-1000-8P is an hardened 8-port Industrial Ethernet PoE Switch, provides non-blocking wire-speed performance in harsh industrial environment.

It also provides 8-port 10/100/1000BASE-TX RJ45 PoE delivered in an IP40 rugged, strong case with redundant power system. Its slim case is suitable for such applications as surveillance system deployments, control management and wireless service in climatically demanding environments with wide temperature range from -40°C to 85°C.

Industrial PoE switch, 7 Port 10/100/1000Mbps PoE ports + 1 ports ethernet uplink, for connecting with devices like computer, switch, hub, server, etc, as well as powering network camera, industrial VoIP phone, wireless AP and other PoE supported devices. Specially designed for harsh outdoor applications. Its 6KV network port surge protection can adapt to harsh outdoor environment and ensure the reliability of the uninterrupted PoE system. Power input also chooses industry-standard types of power.

It provides the flexibility to all kinds of 10/100Mbps Ethernet Media on RJ-45 port and performs highly stable fiber performance.

It is packaged in a compact IP40 case that allows either DIN rail or panel mounting to have efficient usage of cabinet space. It provides an integrated power supply with a wide range of voltages for worldwide operation. It also offers dual-redundant, reversible polarity 12V DC to 52V DC power supply inputs for high availability applications requiring dual or backup power inputs.

Features

- ❖ 8-port 10/100/1000Base-Tx RJ-45 with auto negotiation and auto-MDI/ MDI-X function,
- ❖ 8-Port PoE, 802.3at/af support, 30W max. each
- ❖ 48V to 57V DC, redundant power input
- ❖ -40°C to 85°C operating temperature
- ❖ IP40 aluminum housing
- ❖ Supports 6KV DC Ethernet ESD protection
- ❖ Supports 6KV DC EFT protection for power line
- ❖ Free Fall, Shock and Vibration Stability
- ❖ DIN-rail and wall-mountable hardware design

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Specification

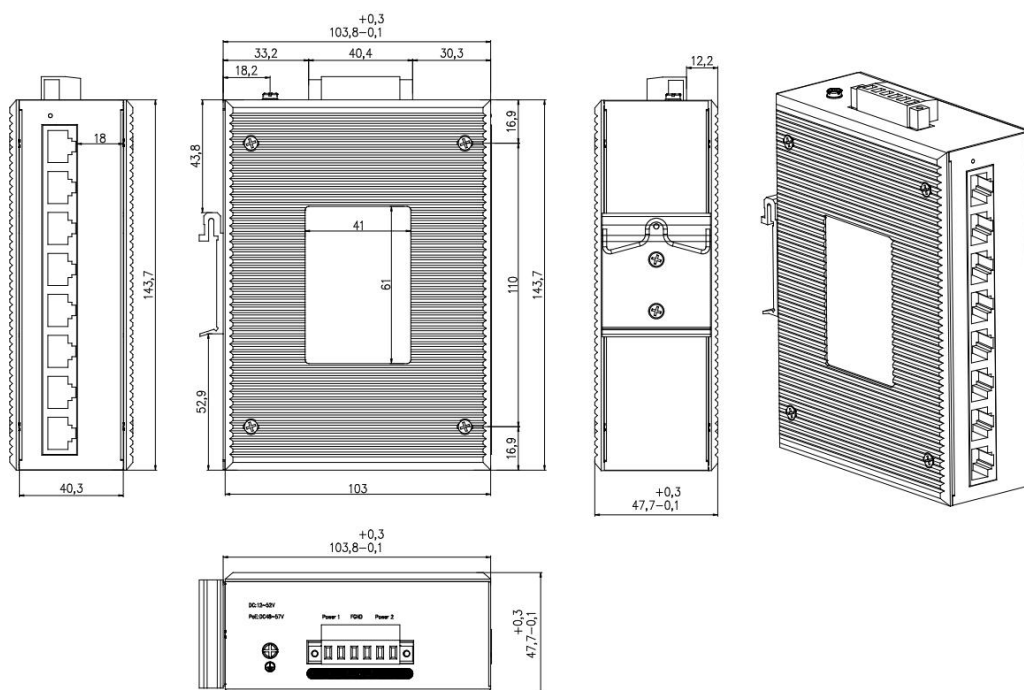
Model No.	GZMI-1000-8P
10/100/1000BASE-TX Port	8 port RJ-45 auto-MDI / MDI-X
PoE Specification	PoE Standard: IEEE802.3af/ IEEE802.3at
	PoE ports: 1-4 port support PoE
	Power Output: Max. 15.4 watts (IEEE 802.3af) Max. 30 watts (IEEE 802.3at)
	PoE port Auto detect AF/AT devices
	Output Voltage: DC48V
	Power Pin Assignment: 1/2+; 3/6-
	Power Type: End-span(Mid-span optional)
Performance Specification	Bandwidth: 20Gbps Packet Buffer Memory: 2Mbit Packet Forwarding Rate: 15Mpps MAC Address Table: 8K
Installation	DIN rail
Maximum Frame Size	9000bytes packet size
Flow Control	Back pressure for half duplex, IEEE 802.3x pause frame for full duplex
Enclosure	IP40 aluminum housing
LED Indicator	Power: Red
	Ethernet: Yellow
	POE: Green
Power Input	48 to 57V DC
Power Consumption	3 watts
Surge protection	±4KV

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Network Protocols	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u;100Base-TX/FX; IEEE802.3ab 1000Base-T; IEEE802.3z 1000Base-X; IEEE802.3x;
Network cables	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤10meter) 1000BASE-TX: Cat6 or later UTP(≤100 meter)
Industry Standard	FCC CFR47 Part 15,EN55022/CISPR22, Class A IEC61000-4-2 (ESD): ±8kV (contact), ±12kV (air) IEC61000-4-3 (RS): 10V/m (80~1000MHz) IEC61000-4-4 (EFT): Power Port: ±4kV; Data Port: ±2kV IEC61000-4-5 (Surge): Power Port: ±2kV/DM, ±4kV/CM; Data Port: ±2kV IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz) IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)
Certification	CE FCC Rohs compliance
MTBF	>300,000hours
Dimensions (W x D x H)	143.7 x 103 x 47.7mm
Weight	Product Weight: 0.52KG Packing Weight: 0.62KG
Working Environment	Working temperature: -40~85℃ ; Storage temperature: -40~85℃ Relative Humidity: 5%~95 %(no condensation)
Warranty	1-year replacement with new item; 3-years for main parts.

Dimensions



Ordering Information

GZMI-1000-8P	8-Port RJ45 Gigabit Industrial PoE Switch	
Power supply (optional)	GZ5121-DC	DC 12V/1A, suitable for non-PoE Industrial switch
	GZ5241-DC	DC 24V/1A, suitable for non-PoE Industrial switch
	GZ5521-DC	DC 52V/1A, suitable for 1-Port PoE Industrial switch, or non-PoE Industrial switch

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