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Description

GZMI-1000-4F16R1C is an hardened 20-port Industrial Ethernet Switch, provides non-blocking wire-speed performance in harsh industrial environment. It also provides 16-port 10/100/1000BASE-TX RJ45 +4G SFP 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 80°C.

This provides the flexibility to all kinds of 10/100/1000Mbps Ethernet Media on RJ-45 port and performs highly stable fiber performance.

This 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

❖ 16-port 10/100/1000Base-Tx RJ-45 with auto negotiation and auto-MDI/ MDI-X   function
❖ 4-port gigabit SFP
❖ 12V to 52V DC, redundant power input

❖ -40℃ to 85℃ 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
❖ Support STP/RSTP/MSTP
❖ Web management, CLI
❖ IGMP snooping, QOS,VLAN,SNMP

Specification

Model No.	**GZMI-1000-4F16R1C**
1000Base-TX Port	16 port RJ-45 auto-MDI / MDI-X

Shenzhen GZCOM Communication Co., Ltd.

Industrial Managed Ethernet Switch (GZMI-1000-4F16R1C)
10/100/1000Mbps Industrial Switch
4 SFP+16 RJ45 Port+1Console Port

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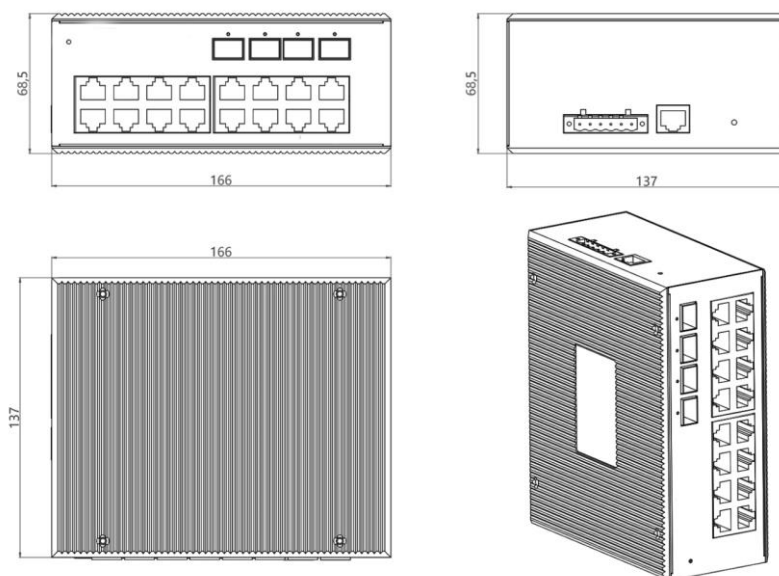
1000Base-FX Port	4G SFP Slot
Performance Specification	Bandwidth: 56Gbps Packet Buffer Memory: 12Mbit Packet Forwarding Rate: 42Mpps MAC Address Table: 8K
Installation	DIN rail
Maximum Frame Size	10240bytes packet size
Flow Control	Back pressure for half duplex, IEEE 802.3x pause frame for full duplex
Enclosure	IP40 Aluminum housing
LED Indicator	Power: Red Fiber: Link 2(Green) Ethernet: Yellow
Power Input	12 to 52V DC redundant power
Power Consumption	< 10W
Surge protection	± 4KV
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(≤100meter) 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)	166×137×68.5mm
Weight	Product Weight: 1.18KG Packing Weight: 1.3KG
Working Environment	Working temperature: -40～80℃ ; Storage temperature: -40～80℃ Relative Humidity: 5%~95 %(no condensation)
Warranty	1-year replacement with new item; 3-years for main parts.

Dimensions

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