

Network Managed Industrial 8-port 10/100/1000BASE-T + 4-port 100/1000BASE-X SFP Ethernet Switch

CARATTERISTICHE

Interfaccia

- 8-port 10/100/1000Base-Tx RJ-45 with auto negotiation and auto-MDI/ MDI-X function
- Port 1-8 with PoE output , each max.30W PoE
- budget: 240W max.
- 4-port gigabit SFP uplink

conformità industriale

- 48V to 57V DC, redundant power input
- -40°C to 80°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



GV-POEM084SFP è uno switch PoE industriale rinforzato a 12 porte, che offre prestazioni a velocità di linea non bloccanti anche in ambienti industriali difficili.

Dispone di 8 porte RJ45 PoE 10/100/1000BASE-TX e 4 porte SFP Gigabit, racchiuse in un robusto chassis con grado di protezione IP40, dotato di sistema di alimentazione ridondante.

Il suo design compatto è ideale per applicazioni come:

Sistemi di videosorveglianza

Gestione e controllo di impianti

Servizi wireless

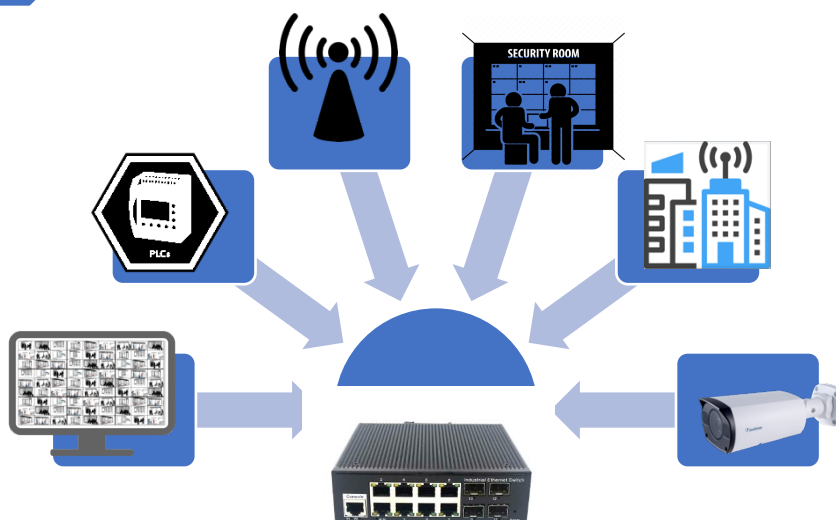
anche in ambienti climaticamente estremi, con una gamma di temperatura operativa che va da -40°C a +80°C.

GV-POEM084SFP offre flessibilità nella gestione di reti Ethernet da 10/100/1000 Mbps su porte RJ45 e prestazioni stabili su fibra ottica grazie alle porte SFP.

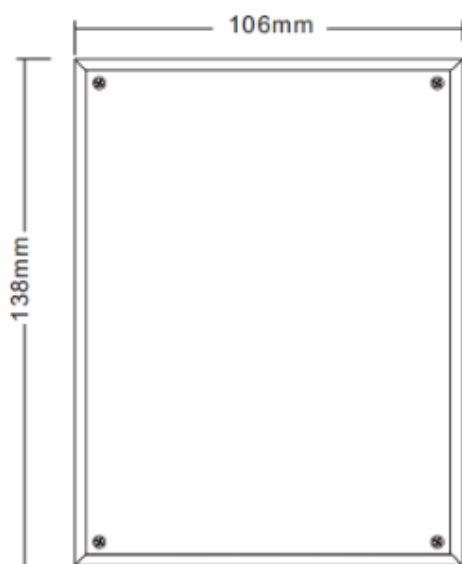
È confezionato in un case compatto IP40 con installazione su guida DIN e integra un alimentatore con ampio range di tensioni compatibile a livello globale.

Supporta inoltre ingressi di alimentazione DC da 48V a 57V con polarità reversibile e ridondanza, pensati per applicazioni che richiedono alta disponibilità o alimentazione di backup.

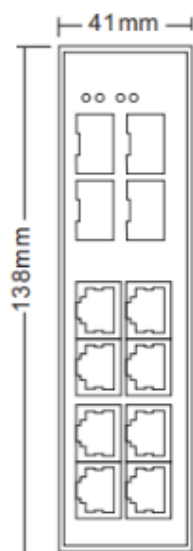
APPLICAZIONI



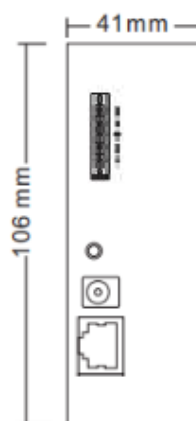
DIMENSIONI



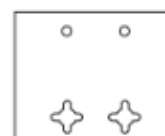
Side View



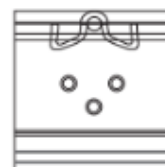
Front View



Rear View



Wall-Mount Kit View



DIN-Rail Kit View



Wall-Mount Kit View

SPECIFICHE TECNICHE

Model No.	GV-POEM084SFP
10/100/1000Base-TX Port	8-Port RJ-45 auto-MDI / MDI-X
PoE Specification	PoE Standard: IEEE802.3af/ IEEE802.3at
	PoE ports: 1-8 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)
1000Base-FX Port	4G SFP Slot
Performance Specification	Bandwidth: 56Gbps
	Packet Buffer Memory: 12Mbit Packet
	Forwarding Rate: 41.6Mpps 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 slim type metal case
LED Indicator	Power: Red
	Fiber: Link 2(Green)
	Ethernet: Yellow
Power Input	48 to 57V DC redundant power
Power Consumption	< 10W
Protection	ESD (Ethernet): 6KV DC
	Surge (Power): 6KV DC

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,EN55032, 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)
MTBF	300,000hours
Dimensions (W x D x H)	143×125×48mm
Weight	Product Weight: 1.25KG Packing Weight: 1.4KG
Working Environment	Working temperature: -40~80℃ ; Storage temperature: -40~80℃ Relative Humidity: 5%~95 %(no condensation)

SOFTWARE

Port Features	IEEE 802.3x Flow control
	Interface counters
	Storm Control
Link Aggregation	Static Aggregation
	Dynamic Aggregation, LACP
	Supports up to 8 aggregation groups, each group up to 8 ports Support source MAC, destination MAC, source destination MAC, source IP, destination IP, source destination IP routing strategy
MAC Table Management	Support
Forwarding mode	Support IVL forwarding mode
Static MAC Address	Support
MAC Address Binding	Support
MAC Address Filtering	Support
Mirror	Port-based Mirror
Spanning Tree	IEEE802.1d STP
	IEEE802.1w RSTP
	IEEE802.1s MSTP
ERPS (G.8032)	Single Ring, Sub-Ring, Multi-Ring
	Load balance
	Recovery Time < 50ms
GVRP	Supported
QINQ	VLAN-based QinQ
LLDP	LLDP
	LLDP-MED
Loop Protection	Supported
VLAN	4094 VLAN
	Port-based VLAN
	GVRP
Protocol VLAN	MAC-based VLAN
	IP Subnet-based VLAN
Voice VLAN	Static entry
	LLDP-MED
Port Isolate	Support
IGMP	Snooping IGMP V1 Snooping
	IGMP V2 Snooping

	IGMP V3 Snooping
	Source Port Check
	IGMP Fast Leave
	IGMP Filter
MLD Snooping	MLD V1 Snooping
	MLD V2 Snooping
	Source Port Check
	MLD Fast Leave
	MLD Filter

Security

ACL	ACL (IP Standard ACL), IPv4/IPv6
	MAC extend ACL
	IP extend ACL
	L2, L3, L4 fields match
	log, redirection, mirroring, speed limit
QoS	QoS Class, Remarking
	SP, WRR queue scheduling
	Ingress port-based rate-limit
	Ingress priority-based rate-limit
	Egress port-based rate-limit
	Egress queue-based rate-limit
	Policy-based QoS
	Storm Control
	8 queues per port
Dot1x	Port Access Control
	User Access Control
	MAC-address Access Control
AAA	Support 802.1x
	Support RADIUS
	Supports authentication, authorization, and accounting through RADIUS server

Management

User management	Password protection
SNMP	SNMP V1/V2c/V3
RMON	Statistics Group
	History Group
	Alarm Group
	Events Group
Web management	HTTP V1.1, HTTPS

Firmware Upgrade	Reversion Upgrade
IPv4/IPv6	Support
CLI	Support
Syslog/Debug	Support
Diagnosis	Ping (IPv4), ping (IPv6)
	Trace route(IPv4)
	Trace route(IPv6)

Management

NTP	NTP Client
DHCP	DHCPv4 Client, DHCPv6 Client
DHCP Snooping	DHCP snooping table
	Trust Port
IPv6 DHCP-Guard	Support
Telnet	Telnet Server
TFTP	TFTP Client
SSH	SSH Server