

Network Managed Industrial 16-port 10/100/1000BASE-T + 4-port 100/1000BASE-X SFP Ethernet Switch

CARATTERISTICHE

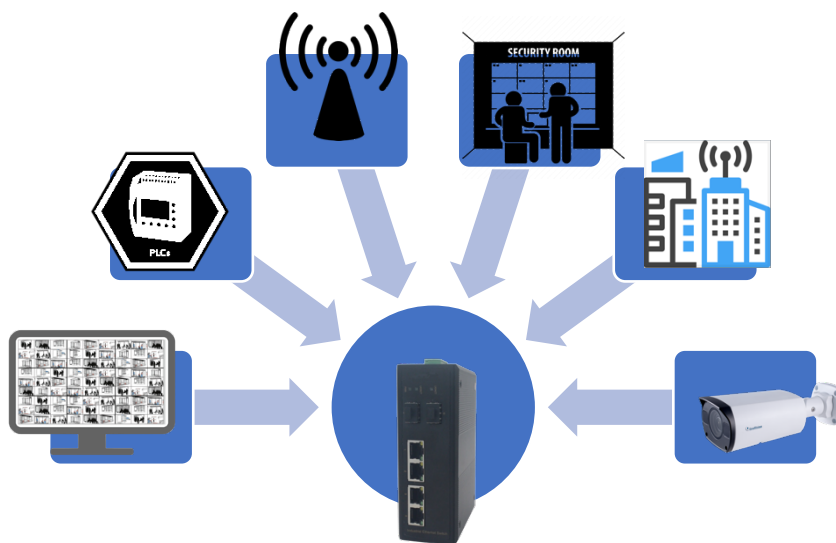
- ▶ 100/1000BASE-X mini-GBIC/SFP slots for SFP type auto detection
- ▶ Provide SC/FC/ST/LC fiber port (optional), support single/dual fiber transmission
- ▶ Support 16K bytes giant frame, compatible with various extension protocol
- ▶ Support IEEE802.3az energy efficient Ethernet technology, 8K MAC address table
- ▶ IPv6 Protocol, Electric 4KV surge protection
- ▶ Complete status indicator, working state at a glance
- ▶ Power input polarity protection design, no worry about wrong operation
- ▶ Metal case, no fan design
- ▶ Installation method: DIN rail /Wall mounting
- ▶ DHCP RFC 1541, 1542
- ▶ Conformant ISO/IEC27001:2022, ISO 9001:2015, ISO 14001:2015, CVE/CNA, Compliance NIS2, GDPR AI ACT E Cyber Resilience ACT



La serie GV-POEM164SFP è uno switch Managed industriale di nuova generazione con 16 porte 10/100/1000Base-TX e 4 porte 100/1000Base-X SFP che forniscono una trasmissione Ethernet stabile e affidabile offerta da Gvision per i sistemi TVCC, con alta qualità design e affidabilità. Questi apparati si posizionano nel mercato per lo sviluppo delle reti a banda larga, per offrire e realizzare lo scambio di dati Ethernet, la convergenza e la trasmissione ottica a lunga distanza con una larghezza di banda efficiente e soluzioni di rete in fibra ottica affidabili per gli utenti. Lo switch industriale è conforme a varie caratteristiche come dimensioni ridotte, assenza di ventola, basso consumo energetico, elevata affidabilità e stabilità e facilità di manutenzione.

Con un design a doppia alimentazione, GV-POEM164SFP può offrire meccanismi ridondanti per applicazioni critiche che richiedono connessioni sempre attive. Può funzionare anche a temperature di esercizio standard da -40 a 80°C. Alloggiati in robusti contenitori IP40 montabili su guida DIN o a parete, questi switch sono la scelta perfetta per ambienti difficili, come reti industriali, sistemi di trasporto intelligenti (ITS) e sono adatti anche per molte applicazioni del mercato militare e dei servizi pubblici in cui le condizioni ambientali superano le specifiche dei prodotti commerciali.

APPLICAZIONI

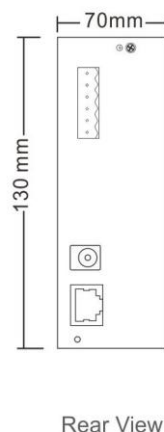
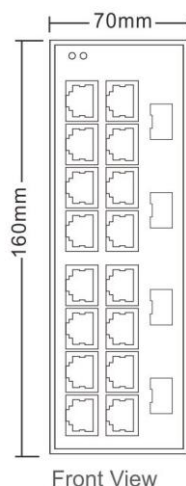
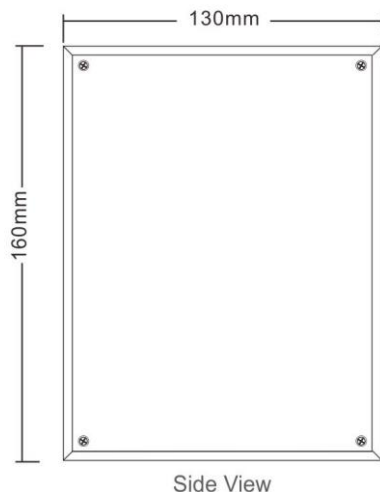


SPECIFICHE TECNICHE

Physical Port	
RJ45 port and speed	16x10/100/1000Base-TX
Fiber port and speed	4x100/1000Base-FX SFP (Dual Mode, Auto Detection 1000Base-SX, 1000Base-LX))
Parameters	
Ethernet standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX/100BASE-FX IEEE 802.3z Gigabit SX/LX IEEE 802.3ab Gigabit 1000T IEEE 802.3x flow control and back pressure IEEE 802.3az Energy Efficient Ethernet IEEE 802.3ad port trunk with LACP IEEE 802.3ah Configuring Ethernet OAM IEEE 802.1D Spanning Tree Protocol IEEE 802.1x Port Authentication Network Control IEEE 802.1Q VLAN tagging IEEE 1588
Packet buffer	4Mbits
Maximum packet length	Up to 10K Bytes
MAC address table	8K
Transmission mode	Store and Forward (full/half duplex mode)
Exchange property	Delay time: < 7μs Backplane bandwidth: 56Gbps Packet forwarding rate: 148810 (64Byte)
LED Indicator	
Power	Connect-always
RJ45	Link/Act: connect-always; Data exchange-twinkle Speed light: 100Mbps-always; 10Mbps-twinkle

Fiber	Link/Act: connect-always;
	Data exchange-twinkle
Power Information	
Power access mode	Phoenix terminal, DC seat
Redundant power input	DC 9-56V / DC5V
Overload protection	Yes
Power reverse	Support
Power consumption	Full-load<15W
Physical Property	
Protection grade	IP40 aluminum case
Cooling mode	Natural cooling, no fan design
Dimensions	160mm x 130mm x 70mm (L x W x H)
Installation mode	DIN Rail/Wall-mountable
Weight	1000g
Working Environment	
Operating Temperature	-40°C~80°C
Operating Humidity	5%~90% non-condensing
Storage Temperature	-40°C~85°C
Warranty	
MTBF	500,000 hours
Defects Liability Period	5 year warranty, lifetime technical support
Certification Standard	
EMI	FCC Part15 Subpart B Class A, EN 55022 Class A
EMS	EN61000-4-2(ESD), EN61000-4-3(RS), EN61000-4-4(EFT), EN61000-4-5(Surge), EN61000-4-6(CS), EN61000-4-8, EN61000-4-11
Collision	IEC60068-2-27
Drop	IEC60068-2-32
Vibration	IEC60068-2-6
Safety grade	EN60950-1
Software	
Software Features	Redundant network: STP, EAPS/ERPS
	Multicast: IGMP Snooping V1/V2/V3, GMRP
	VLAN: IEEE 802.1Q 4K VLAN, QinQ
	Link Aggregation: manual / static / LACP
	IEEE802.1p QOS: COS, DSCP, 8 queues, WRR/SP/WFQ scheduling, QOS Policy
	Management Function: CLI/WEB/SNMP, and Primestone NIS management system
	Diagnostic Maintenance: Port mirroring, Syslog, Ping (IPv4/IPv6), SSH, Traceroute (IPv4/IPv6)
	Alarm management: 1 way relay alarm output, RMON, SNMP Trap, SNMP
	Security DHCP Snooping, Option 82, 802.1X, User hierarchical management, RADIUS, ACL, DDOS, port based MAC filtering / binding Data control: Port-based ingress/egress speed limit, Full duplex IEEE 802.3x, half duplex back-pressure flow control. Broadcast storm suppression, Unknown-Multicast suppression and Unknown-Unicast suppression.

DIMENSIONI



CODICI ORDINE

Model	Description
GV-POEM164SFP	Managed 16-Port 10/100/1000Base-T + 6-Port 100/1000Base-X SFP Ethernet Switch
SFP Options	► SFP option. Please select your SFP on our SFP Options Page (Industrial SFP).
	► SFP module is to be purchased separately.
Mounting Options	► Default DIN-Rail Bracket installed; Wall Mount Bracket is included.
Power Options	► 24W/1A 24VDC DIN-Rail Power Supply. Open Wire for Terminal Block.
	► Power Supply is to be purchased separately.