

INDUSTRIAL 8PORT 10/100/1000T 802.3AT POE + 2PORT 100/1000X SFP MANAGED ETHERNET SWITCH

Remarks

FEATURES

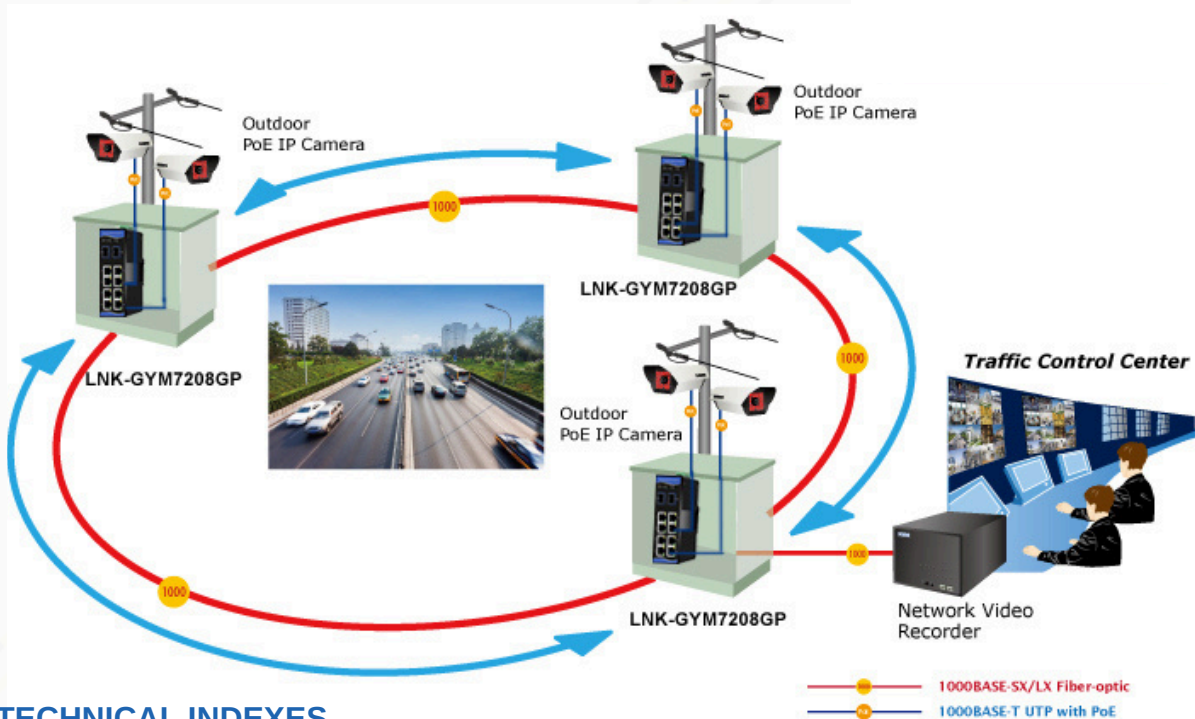
- ▶ 100/1000BASE-X mini-GBIC/SFP slots for SFP type auto detection
- ▶ Provide SC/FC/ST/LC fiber port (optional), support single/dual fiber transmission
- ▶ Support 16K bytes giant frame, compatible with various extension protocol
- ▶ Support IEEE802.3az energy efficient Ethernet technology, 8K MAC address 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



OVERVIEW

Industrial Managed switch with 8-Port 10/100/1000Base-T 802.3at PoE+ and 2-Port 100/1000Base-X SFP that provide stable and reliable Ethernet transmission, with high quality design and reliability. It is positioning in the broadband network intervention market, to offer and realize Ethernet data exchange, convergence and long-distance optical transmission with efficient bandwidth and reliable fiber optic network solutions for users. The industrial switch complies with various characteristics such as mini size, no fan, low power consumption, high reliability and stability, and easy to maintain. With dual power input design, can offer redundant mechanisms for critical applications that need always-on connections. It can also operate either at standard operating temperature range -40 to 80°C. Housed in rugged DIN rail or wall mountable IP40 enclosures, these switches are perfect choices for harsh environments, such as industrial networking, intelligent transportation systems (ITS) and are also suitable for many military and utility market applications where environmental conditions exceed commercial product specifications.

APPLICATION



TECHNICAL INDEXES

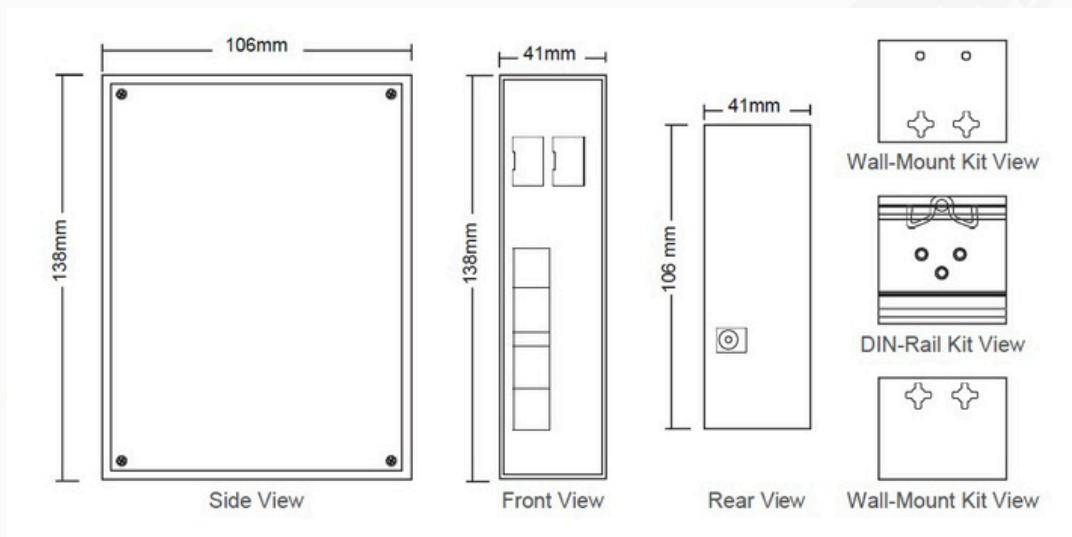
Physical Port	
RJ45 port and speed	8x10/100/1000Base-TX 802.3at PoE
Fiber port and speed	2x1000Base-FX SFP (Dual Mode, Auto Detection)
Parameters	
Ethernet standards	IEEE 802.1x authentication IEEE 802.1q-Tagging IEEE 802.1p-Queueing Layer 2 QoS/CoS with min. 4 Queues per Port IEEE 802.1w RSTP rapid spanning tree IEEE 802.3ad Trunking IEEE 802.3x flow control IEEE 802.1D Spanning Tree IEEE802.1ab LLDP
Packet buffer	4Mbits
Maximum packet length	Up to 1532Bytes 16K
MAC address table	Store and Forward(full/half duplex mode)
Transmission mode	Delay time: < 7μs
Exchange property	Backplane bandwidth: 1Gbps

	Packet forwarding rate: 148810 (64Byte)
PoE	
PoE Standard	8x IEEE 802.3af /IEEE 802.3at PoE
Power budget	Max. PoE output power budget 30W
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 48-57V
Overload protection	Yes
Power reverse	Support
Power consumption	Full-load<15W (Not use PoE)
Physical Property	
Protection grade	IP40 aluminum case
Cooling mode	Natural cooling, no fan design
Dimensions	138mm x 106mm x 41mm (L x W x H)
Installation mode	DIN rail/wall-mountable
Weight	600g
Working Environment	
Operating Temperature	-40°C~80°C
Operating Humidity	5%~90% non-condensing
Storage Temperature	-40°C~80°C
Warranty	
MTBF	100,000 hours
Defects Liability Period	5 year warranty, lifetime technical support
Certification Standard	
EMI	FCC Part15 Subpart B Class A, EN 55022 Class A 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 IEC60068-2-27 IEC60068-2-32
EMS	IEC60068-2-6
Collision	EN60950-1
Drop	
Vibration	
Safety grade	
Software	
Software Features	Redundant network: STP/RSTP Multicast: IGMP Snooping V1/V2

	VLAN: IEEE 802.1Q 4K VLAN, QinQ
	Link Aggregation: manual
	Management Function: CLI/WEB/SNMP
	Diagnostic Maintenance: Port mirroring, Ping
	Alarm management: 1 way relay alarm output, RMON, SNMP Trap
	Security: DHCP Snooping, User hierarchical management
	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

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DIMENSION



ORDERING INFORMATION

Model	Description
YX-IGMS7208GP-SFP	Managed 8-Port 10/100/1000Base-T PoE + 2-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	► 240W/5A 48VDC DIN-Rail Power Supply. Open Wire for Terminal Block.
	► Power Supply is to be purchased separately.