

Industrial 8-port 10/100/1000T + 2-port 100/1000X SFP Managed Ethernet Switch

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

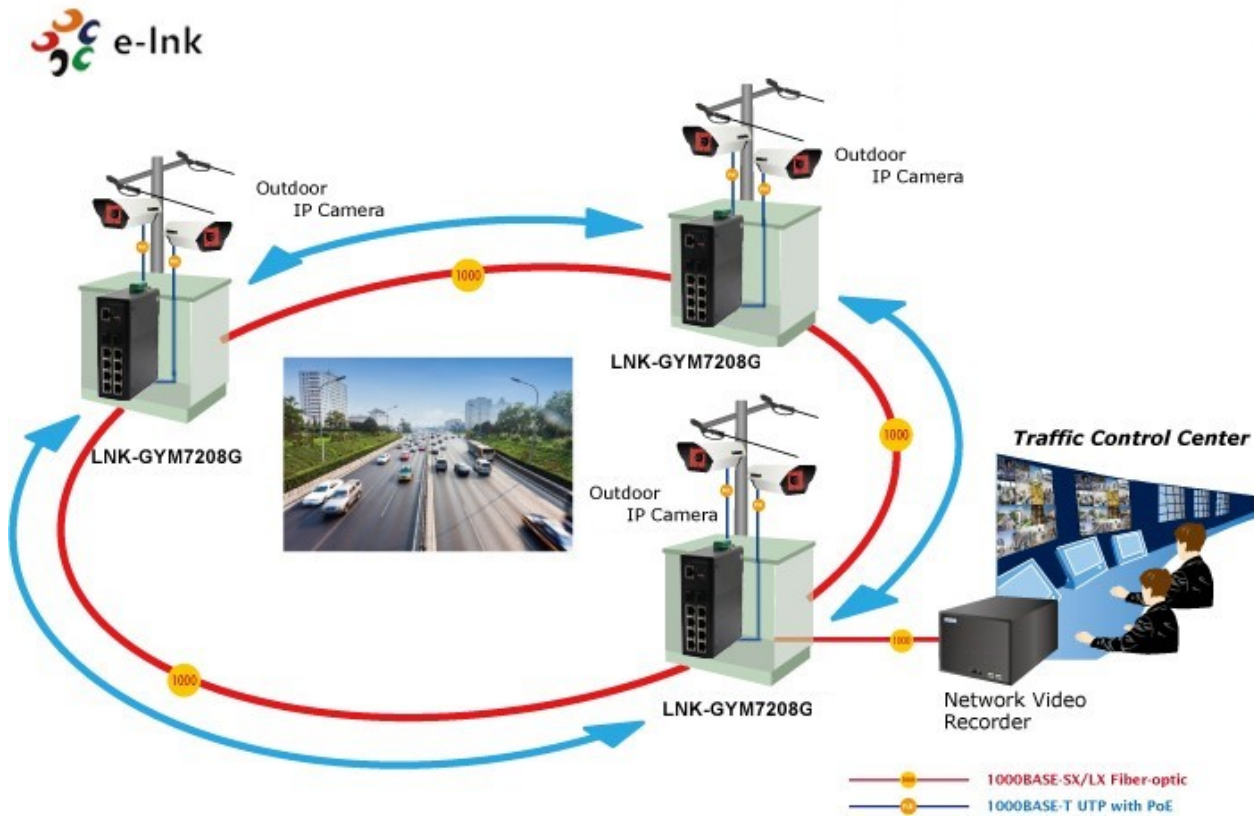


Overview

LNK-GYM7208G-SFP Serie is a new generation industrial Managed switch with 8-Port 10/100/1000Base-T and 2-Port 100/1000Base-X SFP that provide stable and reliable Ethernet transmission offered by E-link, 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, LNK-GYM7208G-SFP 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-T
Fiber port and speed	2x100/1000Base-X 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
MAC address table	16K

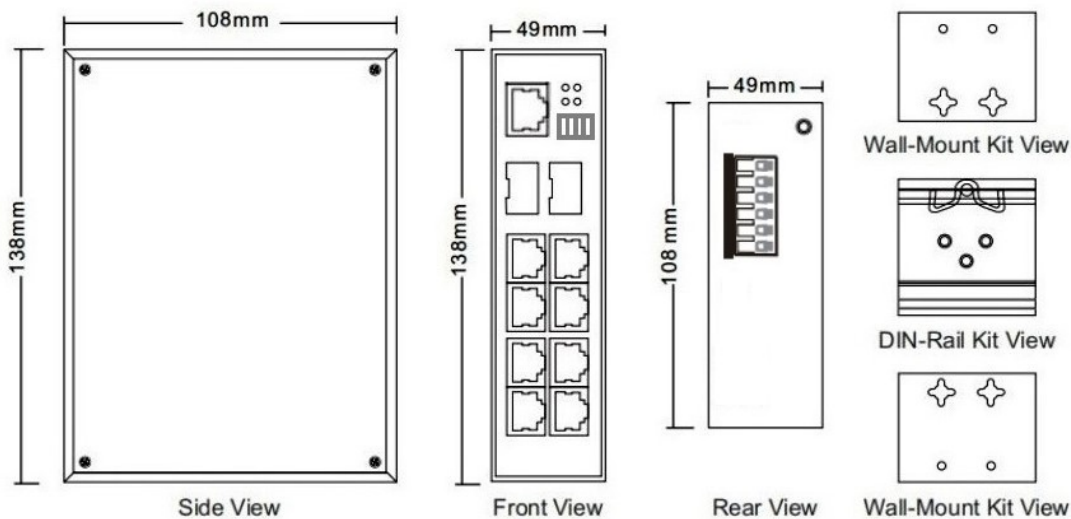


Transmission mode	Store and Forward (full/half duplex mode)	
Exchange property	Delay time: < 7μs Backplane bandwidth: 20Gbps Packet forwarding rate: 14.88Mpps	
Lightning protection	The Industrial Switch provides contact discharge of ±8KV DC and air discharge of ±15KV DC for Ethernet ESD protection. It also supports ±4KV surge immunity to improve product stability and protects users' networks from devastating ESD attacks, making sure the flow of operation does not fluctuate.	
DIP	State	Description
#1	ON	RSTP Disabled
	OFF	RSTP Enable
#2	ON	Port VLAN Enable
	OFF	Port VLAN Disable
#3	ON	SFP Port is 100M
	OFF	SFP Port 100M/1000M
#4	N/A	Function Reserve
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	
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	138mm x 106mm x 41mm (L x W x H)	
Installation mode	DIN trail/wall-mountable	
Weight	600g	
Working Environment		
Operating Temperature	-40℃~80℃	
Operating Humidity	5%~90% non-condensing	
Storage Temperature	-40℃~80℃	
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	
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/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

Dimension



Ordering Information

Model	Description
LNK-GYM7208G-SFP	Managed 8-Port 10/100/1000Base-T + 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	▶ 24W/1A 24VDC DIN-Rail Power Supply. Open Wire for Terminal Block.
	▶ Power Supply is to be purchased separately.