DATA SHEET

Industrial 8-Port 10/100/1000M/2.5G + 2-Port 1.25G/2.5G/10G SFP+ Managed Ethernet Switch

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Features

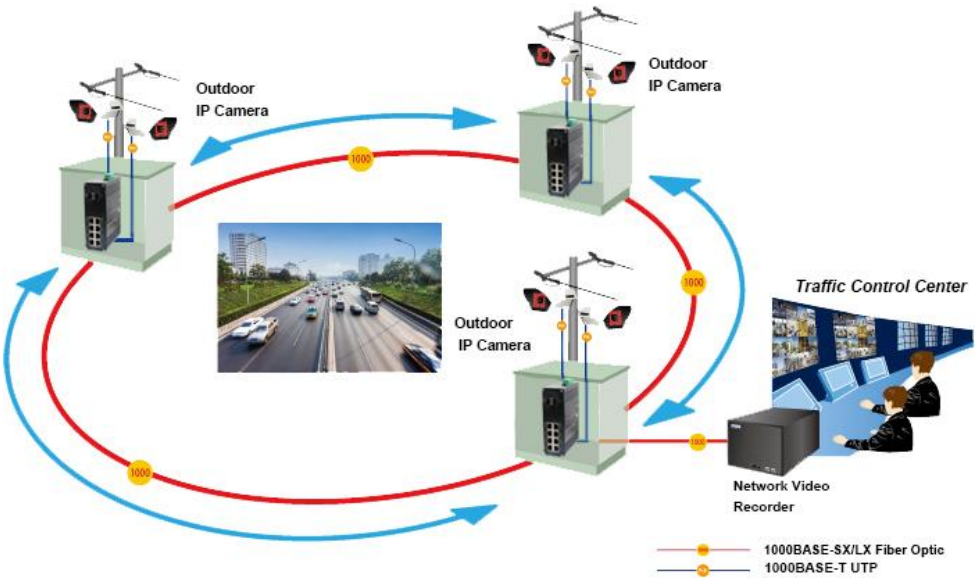
- Support 8x10/100/1000M/2.5G Base-T + 2x1.25G/2.5G/10G SFP+ Base-X SFP
- 10/100/1000M/2.5Gbps RJ45 Port supports Full/Half-duplex, Auto-negotiation, Auto MDI/MDIX
- Support connecting USB-C port for easy management, without the need to access the RS232 serial port at all
- IEEE 802.3az Energy Efficient Ethernet (EEE)
- IP40 Aluminum Case
- Supports DIN-Rail installation
- -40°C to 80°C (-40°F to 176°F) operating temperature



Overview

LNK-IMC208-2.5GM-SFP+ is the managed 8-port 10/100/1000M/2.5G Base-T + 2-port 1.25G/2.5G/10G SFP+ Base-X hardened Ethernet switch. The Switch has 8 TP ports and 2 fiber ports. The TP (RJ45) supports 10/100/1000M/2.5G Base-T(X), Full/Half duplex mode, and auto MDI/MDI-X connection; the SFP Base-X port supports 1 or 2 core Single-mode or Multi-mode fiber. With its reliable design and ease of use, the product is a great choice for integrating networks consisting of network devices such as IP cameras and wireless access points between remote locations.

Application



Technical Indexes

Ethernet				
Standards:	IEEE802.3 10BASE-T			
	IEEE802.3u 100BASE-TX/FX			
	IEEE802.3ab 1000BASE-T			
	IEEE802.3z 1000BASE-X			
	IEEE802.3bz 2.5Gbps			
	IEEE802.3ae 10GBase-R			
	IEEE802.3p QoS			
Forward & Filtering Rate:	14,880pps (10Mbps)			
	148,800pps (100Mbps)			
	1,488,000pps (1000Mbps)			
	1,488,000,000pps (10000Mbps)			
	3,720,000,000pps (2.5Gbps)			
Packet Buffer Memory:	12M bits			
Processing Type:	Store-and-Forward			
Backplane bandwidth	110Gbps			
Max Packet Length:	9K Bytes Jumbo Frame			
Address Table Size:	8K MAC Addresses			
Interface				
Ethernet Port:	8 x 10/100/1000M/2.5G RJ45			
Optical Port:	2 x 1.25G/2.5G/10G SFP			
Management Port	1 x USB-C			
Environmental				
Operating Temperature:	-40°C to 80°C (-40°F to 176°F)			
Storage Temperature:	-40°C to 85°C (-40°F to 185°F)			
Relative Humidity:	5% to 95% non-condensing			
MTBF	> 200,000 hrs			
Electrical and Mechanical				
Input Power:	12~48V DC, Redundant Power (6-pin Terminal Block)			
Power Consumption:	8W Max			
Protection:				
Power Input Overload:	Automatic Resettable			
Reverse Polarity:	Present			
DIP Switch				
4-digit DIP switch 	DIP	Function	Settings	
	SW 1	SW 1	Reboot	ON - Enabled
	SW 2	SW 2	Reserved	ON - Reserved
	SW 3	SW 3	Reserved	ON - Reserved
	SW 4	SW 4	Reset	ON - Reserved
LED Indicators:				

PWR:	Power Status
Ethernet (Per Port):	Link/Activity
Fiber:	Gigabit SFP Port: F9~F10
Dimensions (WxDxH):	149 x 114 x 50 mm
Weight:	0.55Kg
Casing:	Aluminum Case
Mounting Options:	DIN-Rail mount
Management Interface Features	
System	System Info, IP Address, User Account, System Time, SNTP Setting, Loop Prevention, STP Config, System Reboot, Factory Reset
Advanced	Port Settings, EEE, QoS Mode, QoS Rate Limit, QoS Q Scheduler, QoS TC2Q MAP, QoS CoS2TC MAP, QoS DSCP2TC MAP, Port Mirror, Link Aggregation, Port Based VLAN, Tag Based VLAN, IGMP Snooping, Storm Control, LLDP
Status	Port Statistics, Static MAC Entries, Dynamic MAC Entries
Tools	Config Tools, Cable Test, Firmware Backup, Firmware Update, USXGMII PHY Eye Test
Default IP	192.168.40.253
Default User Name	admin
Default Password	admin
Regulatory Approvals	
ISO9001, CE, RoHS, FCC	
EN55022:2010+AC: 2011, Class A	
EN 61000-3-2: 2006+A1: 2009+A2: 2009	
EN 61000-3-3: 2013	
EN55024:2010	
IEC 61000-4-2: 2008 (ESD)	
IEC 61000-4-3: 2010 (RS)	
IEC 61000-4-4: 2012 (EFT)	
IEC 61000-4-5: 2014 (Surge)	
IEC 61000-4-6: 2013 (CS)	
IEC 61000-4-8: 2009 (PFMF)	

Ordering Information

Model	Description
LNK-IMC208-2.5GM-SFP+	Industrial 8-Port 10/100/1000M/2.5G + 2-Port 1.25G/2.5G/10G SFP+ Managed Ethernet Switch
SFP Options	► SFP+ module is to be purchased separately.
Mounting Options	► Default DIN-Rail Bracket installed
Power Options	► 24W/1A 24VDC DIN-Rail Power Supply. Open Wire for Terminal Block.
	► Power Supply is to be purchased separately.