

Features

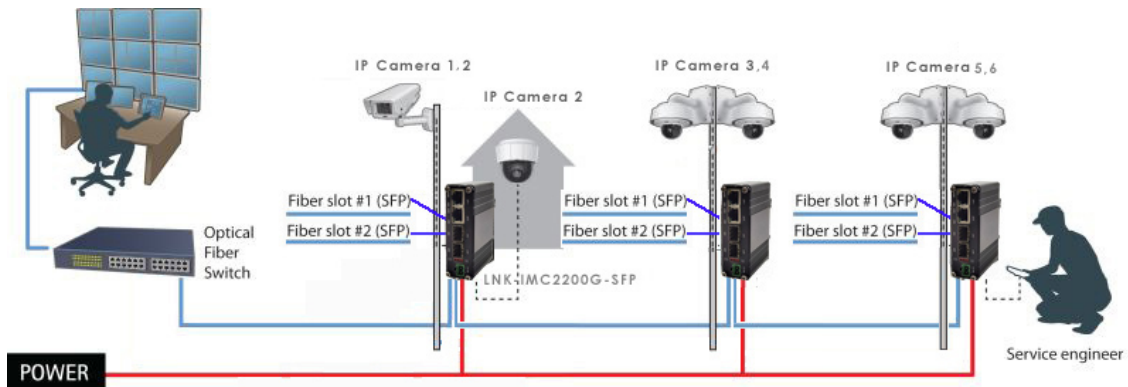
- ▶ 2-port 10/100/1000BASE-T RJ45 with auto MDI / MDI-X function
- ▶ 2 SFP Port, 100Base-FX or 1000Base-X dual mode (auto detection)
- ▶ Supports IEEE802.3af PoE (15.4W) or IEEE802.3at PoE+ (30W)
- ▶ Supports Link Fault Pass Through
- ▶ Supports Full/Half-duplex, Auto-negotiation
- ▶ 9K Bytes Jumbo Frame
- ▶ Power booster function with wide range 12~48VDC Power Input
- ▶ Supports DIN-Rail & Wall-mount installation
- ▶ Environmentally hardened -40°C to 75°C (-40°F to 167°F) operating temperature



Overview

LNK-IMC202GP-SFP Series is a DIN rail type Ethernet Switch that supports external SFP Modules and meets EN55022 standard. The Ethernet port support high power PoE (Power Sourcing Equipment) which complies with IEEE802.3at standard. It is a hardened grade product whose operating temperature range is -40° C to +75° C. **LNK-IMC202GP-SFP** supports 10/100/1000Base-T and 100/1000Base-X SFP Port. The Ethernet port supports both half-duplex and full-duplex mode. Users can use different type of SFP modules (single-mode/multi-mode fiber, 1/2 core) as needed.

Application



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— Power
— Fiber
- - - - - Cat-5 cable

Technical Indexes

Ethernet	
Standards:	IEEE802.3 10Base-T
	IEEE802.3u 100Base-TX/FX
	IEEE802.3ab 1000Base-T
	IEEE802.3z 1000Base-X
	IEEE802.3af Power over Ethernet
	IEEE802.3at Power over Ethernet
Processing Type:	Store-and-Forward
Forward Filter Rate:	14,880pps (10Mbps)
	148,800pps (100Mbps)
	1,488,000pps (1000Mbps)
Packet Buffer Memory:	1 Mbit
Max Packet Length:	9K Bytes
Address Table Size	2K MAC Addresses
Interface	
Connector:	2 x RJ45
Optical Port:	2 x SFP 1000Base-X or 100Base-FX (auto detection)
Electrical and Mechanical	
Input Power:	12~48VDC, 2-pin terminal block
Output Power	48VDC
Power Consumption:	65W Max. 5W Max. 0.1A@48VDC (PoE not in use)
PoE	
Port:	RJ45 Port 1 ~ Port 2
Max. Power per Port:	30W Max per port (Alternative B Mode)
LED Indicators:	
PWR:	Power Status
RJ45:	LINK/Activity
SFP:	LINK
PoE:	Per Port Status
Dimensions (WxDxH):	95 x 70 x 30 mm
Weight:	0.25Kg
Casing:	Aluminum Case
Mounting Options:	DIN-Rail / Wall-mount
Environmental	
Operating Temperature:	-40°C to 75°C (-40°F to 167°F)
Storage Temperature:	-40°C to 85°C (-40°F to 185°F)
Relative Humidity:	5% to 95% non-condensing
MTBF	> 200,000 hrs
Regulatory Approvals	
ISO9001, CE, FCC, RoHS	

EMI:

EN55022:2010+AC: 2011, Class A

EN 61000-3-2: 2006+A1: 2009+A2: 2009

EN 61000-3-3: 2013

EN55024: 2010

EMS:

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
	Industrial 2-Port 10/100/1000T 802.3at PoE + 2-Port 100/1000Base-X SFP Ethernet Switch
SFP Options	<ul style="list-style-type: none"> ▶ 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	<ul style="list-style-type: none"> ▶ 75W/1.6A 48VDC Power Supply. Open Wire for Terminal Block ▶ Power Supply is to be purchased separately.

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