

Self-Configured Hardened 4-port 10/100/1000BASE-T + 2-port 1000BASE SFP Ethernet Switch with PoE+



www.e-linkchina.com



Model: LNK-IMC2400GP-SFP Series

Overview

The LNK-IMC2400GP-SFP product is a Self-Configured Hardened Ethernet switch which provides 4 port 10/100/1000Base-TX + 2x1000Base-FX SFP port. The 10/100/1000Base-TX ports supports PoE+ (Power Sourcing Equipment) and compliant with IEEE 802.3at.

Comply with IEEE 802.3 10Base-T, IEEE802.3u 100Base-TX/FX, IEEE 802.3x, and IEEE802.3at. The product will provide PoE power to any IEEE802.3at/af compliant network device. It supports IGMP snooping which significantly saves the network bandwidth and reduces network load. 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.

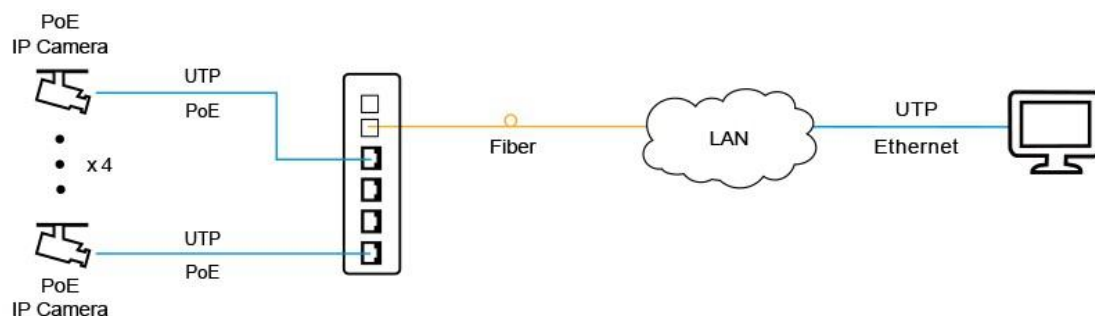
Features

- Automatically support IGMP (Multicasting)
- Supports 10/100/1000Mbps-Full/Half-duplex, Auto-negotiation, Auto MDI/MDI-X
- Supports external 1000Base SFP
- Supports Daisy-Chain connection
- Supports IEEE 802.3at PoE+ (30W per port)
- Supports Light Hardware IGMP V1, V2, V3
- Supports Broadcast Storm Control
- Supports Relay output for power failure
- 1M bits frame buffer memory
- Supports 9K Bytes Jumbo Frame
- Supports Energy Efficient Ethernet IEEE802.3az
- Redundant Power Inputs
- Supports Wall-mount and DIN-Rail installation
- Environmentally hardened -40°C to 80°C (-40°F to 176°F) operating temperature

Warranty

- 5-Year Warranty

Typical Application



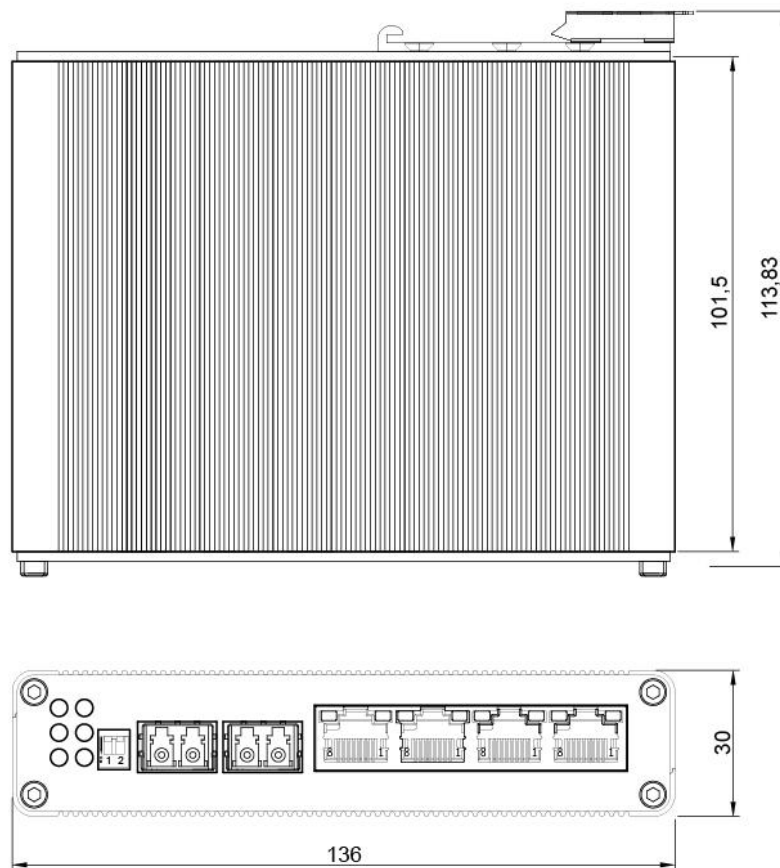
Technical Indexes

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
Switch Fabric	12 Gbps
Forward Filter Rate	14,880pps (10Mbps)
	148,800pps (100Mbps)
	1,488,000pps (1000Mbps)
Packet Buffer Memory	1 Mbit
Max. Packet Length	9K Bytes Jumbo Frame
Address Table Size	2048K MAC Addresses
Connector	4 x RJ45
Optical Port	2 x SFP 1000Base-FX
Electrical and Mechanical	
Input Power	2 x 48~57VDC (Terminal Block)
Power Consumption	5W Max. 0.1A@48VDC (PoE not in use)
	135W Max. 2.8A@48VDC (PoE in use)
Protection	
Power Input Overload	Automatic Resettable
Reverse Polarity	Present
LED Indicators	
Power	Power Status
Ethernet (Per Port)	LINK/Activity
SFP	LINK/Activity
PoE	
Standard	IEEE802.3at
Port	RJ45 Port1~Port4
Max. Power per port	30W Max per port (Alternative B mode)
Dimensions (W x D x H)	31 x 120 x 148 mm
Weight	0.5Kg
Casing	Aluminum Case
Mounting options	DIN-Rail / Wall-mount
Environmental	
Operation 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	
EN61000-3-2:2006+A1: 2009+A2:2009	
EN61000-3-3: 2013	
EN55024:2010	

EMS
IEC 61000-4-2:2008(ESD)
IEC 61000-4-3:2010(RS)
IEC 61000-4-4:2012(EFT)
IEC61000-4-5: 2014(Surge)
IEC61000-4-6:2013(CS)
IEC61000-4-8:2009(PFMF)

Dimensions



Ordering Information

Model	Description
LNK-IMC2400 GP-SFP	Self-configured Hardened 4-Port 10/100/1000BASE-T + 2-Port 1000BASE SFP Ethernet Switch with PoE+
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	<ul style="list-style-type: none">▶ Default DIN-Rail Bracket installed, Wall Mount Bracket is included.
Power Options	<ul style="list-style-type: none">▶ 120W/2.5A 48VDC DIN-Rail Power Supply. Open Wire for Terminal Block.▶ 240W/5A 48VDC DIN-Rail Power Supply. Open Wire for Terminal Block.▶ 120W/2.5A 48VDC Power Supply. Open Wire for Terminal Block.▶ 220W/4.6A 48VDC Power Supply. Open Wire for Terminal Block.▶ Power Supply is to be purchased separately.