Mini Industrial 4-Port 10/100/1000T 802.3at PoE + 1-Port 100/1000X SFP Ethernet Switch with 12~48VDC Input and Voltage Booster

Features

- **100/1000BASE-X SFP slots for SFP type auto detection**
- 4 10/100/1000BASET RJ45 auto-MDI/MDI-X ports with IEEE 802.3at PoE+ Injector (Port-1 to Port-4)
- **12~48VDC wide range power input with power booster function**
- Supports 802.3x Flow control
- Supports DIN-Rail and Wall-mount installation
- Up to 120-watt PoE budget (48VDC), 90-watt PoE budget (24VDC), 60-watt PoE budget (12VDC)
- Industry standard design, dustproof and close design IP40, rugged high-strength metal case
- -40°C to 80°C (-40°F to 176°F) operating temperature



Overview

LNK-IMC104GP-SFP Series is a Mini Industrial 4-Port 10/100/1000T 802.3at PoE + 1-Port 100/1000X SFP Gigabit Ethernet Switch with 12~48VDC Input and Voltage Booster. This unmanaged industrial solar power PoE switch is designed to match the critical industrial standards. With reliable and simple operation against vibration and shock, and wide operation temperature range, it could match a variety of harsh environment. The switch complies with CE and FCC standards, and passed the 100% burning test to ensure that it will fulfill the needs of industrial applications. It is a good choice for an economical solution for industrial Ethernet connections.

Application



Technical Indexes

Ethernet	
Standards:	IEEE 802.3 Ethernet
	IEEE 802.3u Fast Ethernet
	IEEE 802.3ab Gigabit Ethernet
	IEEE 802.3x Full-Duplex Flow Control
	IEEE 802.3az Energy Efficient Ethernet (EEE)
	IEEE 802.3at Power over Ethernet Plus PSE
	IEEE 802.3af Power over Ethernet Plus
Forward & Filtering Rate:	14,880pps (10Mbps)
	148,800pps (100Mbps)
	1,488,000pps (1000Mbps)
Packet Buffer:	1Mbits
Packet Length:	10Kbytes
MAC Address Table:	8K
Switch Fabric:	10Gbps/non-blocking
Exchange Property	Backplane bandwidth: 20Gbps; Packet forwarding rate: 14.88Mpps
Connector:	4 ports with 802.3at PoE+ injector function (Ports 1 to 4)
Interface	
Connector:	4 x RJ45
Optical Port:	1 x SFP 1000Base-X or 100Base-FX (auto detection)
PoE (Power over Ethernet)	
Standard:	IEEE802.3af/at
Port:	RJ45
Power Pin Assignment	4/5(+), 7/8(-)
PoE Budget:	Up to 120-watt PoE budget (48VDC), 90-watt PoE budget (24VDC), 60-watt PoE budget (12VDC)
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:	12~48VDC (Terminal Block)
Power Consumption:	<125W (Non-PoE<6W)
Power Input Overload:	Automatic Resettable
Reverse Polarity:	Present
Dimensions (WxDxH):	95 x 70x 29mm
Weight:	0.25Kg
Casing:	Aluminum Case
Mounting Options:	DIN-Rail / Wall-mount

LED Indicators:	
PWR:	Power
L/A:	Link/Activity
PoE:	PoE Status
Regulatory Approvals	
ISO9001	
EN55022:2010+AC: 2011, Class A	
EN 61000-3-2: 2006+A1: 2009+A2: 2009	
EN 61000-3-3: 2013	
EN55032:2017	
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
ZP-IMC104GP-SFP	Mini Industrial 4-Port 10/100/1000T 802.3at PoE + 1-Port 100/1000X SFP Gigabit Ethernet Switch with 12~48VDC Input and Voltage Booster
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	► Power Supply is to be purchased separately