

# Product: Hardened 10/100/1000Base-T to 1000Base-X SFP Eth

Media Converter with PoE+



Model: LNK-IMC3011P-SFP Series

#### Overview

LNK-IMC3011P-SFP is a DIN rail type media converter 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  $^{\circ}$  C to +80  $^{\circ}$  C. LNK-IMC3011P-SFP supports 10/100/1000M Ethernet Port and 1000M 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.

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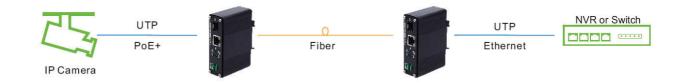
#### **Features**

- Converts 10/100/1000Base-T to 1000Base-FX
- Supports IEEE802.3at PoE+(30W)
- Supports Full/Half duplex
- Supports external 1000Base-X SFP
- Supports Auto MDI/MDI-X
- Supports DIN-Rail & Wall-mount installation
- Extensive LED indicators for network diagnostics
- Environmentally hardened -40°C to 80°C (-40°F to 176°F) operating temperature

#### Warranty

• 5-Year Warranty

#### **Typical Application**



#### **Technical Indexes**

Ethernet		
Standards:	IEEE802.3ab 1000Base-T	
	IEEE802.3az Gigabit Fiber	
	IEEE802.3af Power over Ethernet	
	IEEE802.3at Power over Ethernet	
	IEEE802.3x Flow Control	
Processing Type:	Forward	
	Half-duplex, Full-duplex	
Forward Filter Rate:	1,488,000pps (1000Mbps)	
Cabling:	1000Base-T: Cat5 or above	
Maximum Distance:	Cat5 UTP up to 100m	
Connector:	1x RJ45	
Optical Port:	1 x SFP 1000Base-X	
Environmental		
Operating Temperature:	-40°C to 80°C (-40°F to 176°F)	



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Relative Humidity: 5% to 95% non-condensing  Electrical and Mechanical  Input Power: 48VDC (Terminal Block)  Power Consumption: 36W Max. 0.75A@48VDC  Standard: IEEE802.3at  PoE:  Port: RJ45  Max. Power per Port: 30W Max per port (Alternative B Mode)  LED Indicators:  Power: Power Status  1000TX: Link/Activity, Speed  SFP: Link/Activity  Dimensions (WxDxH): 95 x 70 x 28 mm  Weight: 0.25Kg  Casing: Metal Case  Mounting Options: DIN-Rail / Wall-mount  Regulatory Approvals  ISO9001  FCC part 15, Class A  EN55022:2006+A1: 2007 Class A  Surge Protection:	Storage Temperature:	-40°C to 85°C (-40°F to 185°F)	
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EN55022:2006+A1: 2007 Class A	ISO9001		
	FCC part 15, Class A		
Surge Protection:	EN55022:2006+A1: 2007 Class A		
- Cargo 1 100000011.			
RJ45: 1KV			
Power: 500W			
ESD: 4KV/8KV			

#### **Ordering Information**

Model	Description
LNK-IMC3011P-SFP	Hardened 10/1001000BASE-TX to 1000BASE SFP Ethernet Media Converter with PoE+
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	► 60W/1.25A 48VDC Power Supply. Open Wire for Terminal Block
	► Power Supply is to be purchased separately.