

P/N 21491

Product: Hardened 1000Base-T to 1000Base-X SFP Ethernet Media Converter with PoE+



Model: 21491

Overview

The Model 21491 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°C to $+80^{\circ}\text{C}$. The model 21491 supports 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.

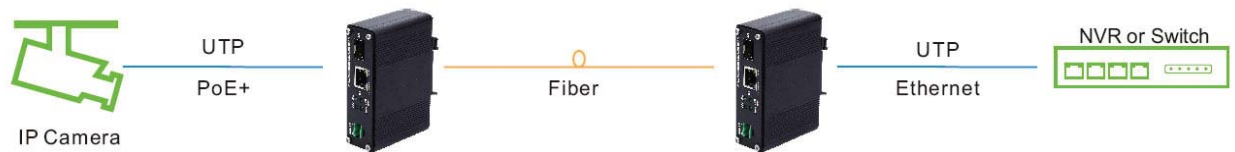
Features

- Converts 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)

Storage Temperature:	-40°C to 85°C (-40°F to 185°F)
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:	
RJ45: 1KV	
Power: 500W	
ESD: 4KV/8KV	

Ordering Information

Model	Description
21491	Hardened 100BASE-TX to 100BASE SFP Ethernet Media Converter 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	▶ Default DIN-Rail Bracket installed, Wall Mount Bracket is included.
Power Options	<ul style="list-style-type: none"> ▶ 60W/1.25A 48VDC Power Supply. Open Wire for Terminal Block ▶ Power Supply is to be purchased separately.