

P/N:21495

Product: Self-Configured Hardened 4-port 10/100/1000BASE-T + 2-port 1000BASE SFP Ethernet Switch with PoE+ 48 VDC



Model: 21495

Overview

The 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
Forward & Filtering Rate:	14,880pps (10Mbps)
	148,800pps (100Mbps)

	1,488,000pps (1000Mbps)
Packet Buffer Memory:	1M bits
Processing Type:	Store-and-Forward
Max Packet Length:	9K Bytes Jumbo Frame
Address Table Size:	2048 MAC Addresses
Connector:	4 x RJ45
Optical Port:	2 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:	2x48~57VDC (Terminal Block)
Power Consumption:	135W Max. 2.8A@48VDC (PoE in use)
	5W Max. 0.1A@48VDC (PoE not in use)
Standard:	IEEE802.3at
PoE:	
Port:	RJ45 Port 1 ~ Port 4
Max. Power per Port:	30W Max per port (Alternative B Mode)
Protection:	
Power Input Overload:	Automatic Resettable
Reverse Polarity:	Present
LED Indicators:	
Power:	Power Status
Ethernet(Per Port):	Link/Activity
SFP:	Link/Activity
Dimensions (WxDxH):	148 x 120 x 31 mm
Weight:	0.5Kg
Casing:	Metal Case
Mounting Options:	DIN-Rail / Wall-mount
Regulatory Approvals	
ISO9001	
EN55022 Class A, FCC part 15 Class A	
Surge Protection:	
RJ45: 1KV	
Power: 500W	

Ordering Information

Model	Description
P/N 21495	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.