

ET8122P Series

Unmanaged Industrial 8-port 10/100Base-TX + 2-port 10/100/1000Base-T / FX SFP Combo Ethernet Switch with PoE/PSE



Features

General

- ▶ RJ-45 Port Support Auto MDI/MDI-X Function
- ▶ Supports IEEE802.3af PoE(15.4W per port)
- ▶ SFP (Mini-GBIC) Supports 100/1000 Dual Mode
- ▶ Store and Forward Switching Architecture
- ▶ Back-Plane (Switching Fabric): 5.6Gbps
- ▶ 1Mbits Packet Buffer
- ▶ 8K MAC Address Table
- ▶ Redundant Power Design
- ▶ Relay Output for Port Breakdown, Power Fail, and Alarm
- ▶ IP30 Rugged Aluminum Case Design
- ▶ DIN-Rail and Panel Mountable for Easy Installation

Warranty

- ▶ 3-Year Warranty

Ordering Information

Model	Description
ET8122P-S-DR	Unmanaged Industrial DIN-Rail 8-Port 10/100Base-TX + 2-Port 10/100/1000Base-T/FX SFP Combo with PoE/PSE
SFP Options	■ (S) = SFP option. Please select your SFP option on our SFP Options page.
Mounting Options	■ Default DIN-Rail Bracket installed, Wall Mount Bracket is included.
Power Options	<ul style="list-style-type: none"> ■ DR120A48 120W/2.5A 48VDC DIN-Rail Power Supply. Open Wire for Terminal Block. ■ DR240A48 240W/5A 48VDC DIN-Rail Power Supply. Open Wire for Terminal Block. ■ GS120A48 120W/2.5A 48VDC Power Supply. Open wire for Terminal block. ■ GS220A48 220W/4.6A 48VDC Power Supply. Open wire for Terminal block. ■ Power Supply is to be purchased separately.

Specifications

Ethernet

Standards:	IEEE802.3 10Base-T IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T IEEE802.3z Gigabit Fiber IEEE 802.3x Flow Control IEEE802.3af Power over Ethernet
Packet Buffer Memory:	1 Mbits
Processing Type:	Store-and-Forward Half-duplex back-pressure & Full-duplex 802.3x flow control
Switching Architecture:	
Back-Plane:	5.6Gbps Switching Fabric
Packet Throughput	
Ability:	8.3Mpps @ 64bytes Full-Duplex
Forward and Filter Rate:	14,880pps (10Mbps) 148,800pps (100Mbps) 1,488,000pps (1000Mbps)
Cabling:	10Base-T: Cat3 or above 100Base-TX: Cat5 or above
Maximum Distance:	Cat5 UTP up to 100m
Connector:	
10/100TX:	8x RJ45
10/100/1000T/Mini-GBIC Combo:	2x RJ45 + 2x 100/1000 SFP Sockets
Address Table Size:	8K MAC Addresses

Regulatory Approvals

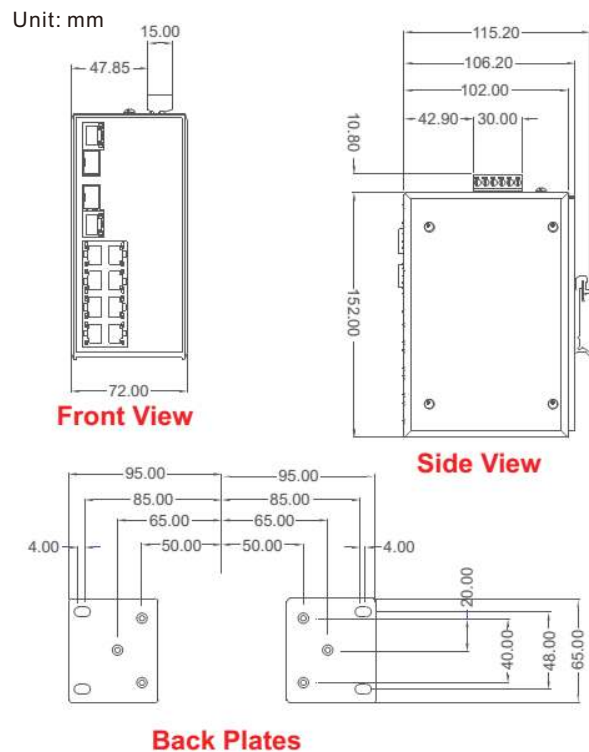
EMI	FCC Class A, CEEN6100-4-2, EN6100-4-3, EN6100-4-4, EN6100-4-5, EN4100-4-6, EN6100-4-8, EN6100-4-11, EN6100-4-12, EN6100-6-2, EN6100-6-4
Safety	CEEN60950-1
Stability Testing	Shock: IEC 60068-2-27 Free Fall: IEC 60068-2-32 Vibration: IEC 60068-2-6

Environmental

Operating Temperature:	-10°C to 70°C (14°F to 158°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 Redundant Power (Terminal Block)
Power Consumption:	16.8 W Max. 350mA@48VDC
PoE:	
Power Budget:	123.2 Watts Max.
Standard:	IEEE802.3af
Mode:	Alternative A Mode Positive (VCC+): RJ-45 Pin 1, 2 Negative (VCC-): RJ-45 Pin 3, 6
Port:	RJ-45 Port 1 ~ Port 8
Max. Power per Port:	15.4W
Protection:	
Overload Current:	Present
Reverse Polarity:	Present
Relay Alarm:	Provides 1 Relay Output for Port Breakdown, Power Fail, and Alarm Alarm Relay Current Carry Ability
LED Indicators:	
Power:	Power Status (PWR1, PWR2, Fault)
Ethernet (Per Port):	Link/Activity, Full-Duplex/Collision, Power Feeding
SFP:	Link/Activity
Dimensions (WxDxH):	72x 105x 152 mm
Weight:	0.91 Kg
Shipping Weight:	1.36 Kg
Casing:	IP30 Metal Case
Mounting Options:	DIN-Rail / Wall Mount



OT Systems Ltd., May 2014

Due to continuous improvement, all product specifications are subject to change without further notice.