

ET8282-S/ET162162-S Series

Industrial Rack-mount 8/16-ch 10/100/1000Base-TX to 1000Base-X SFP Ethernet Media Converter



ET8282-S
ET8282-S-RP



ET162162-S
ET162162-S-RP

Features

- ▶ 19" 1U Rack-mount
- ▶ Converts 10/100/1000Base-TX to 1000Base-FX SFP
- ▶ RJ45 Port Supports 10/100/1000Mbps-Full/Half-duplex, Auto-negotiation, Auto MDI/MDIX
- ▶ Supports external 1000Base-X SFP
- ▶ AC Power input (Redundant AC Power input for ET8282-S-RP / ET162162-S-RP)
- ▶ -10°C to 60°C (14°F to 140°F) operating temperature



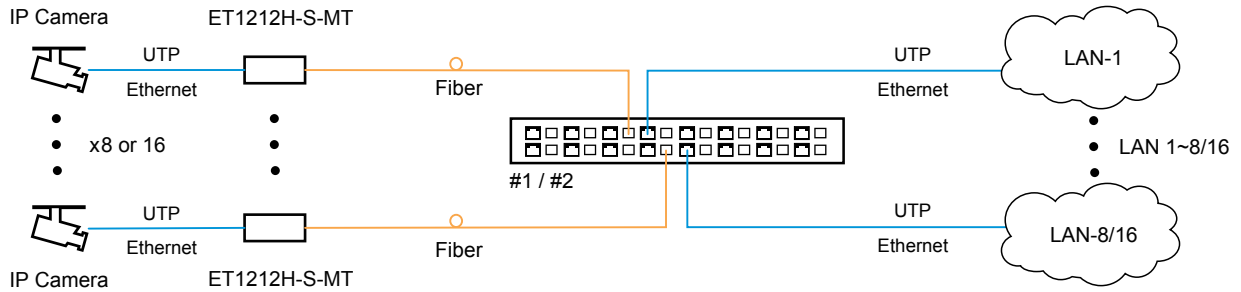
Warranty

- ▶ 5-Year Warranty

Media Converters

Multi-port Media Converters

Typical Application



Specifications

Ethernet

Standards	IEEE802.3 10Base-T IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-X
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Processing Type	Converter Mode
Forward Filter Rate	14,880pps (10Mbps) 148,800pps (100Mbps) 1,488,000pps (1000Mbps)

Packet Buffer Memory	1 Mbit
Max Packet Length	10K Bytes
Address Table Size	4,096 MAC Addresses

Interface

10/100/1000Base-T	8 ^{#1} / 16 ^{#2} x RJ45
1000Base-X	8 ^{#1} / 16 ^{#2} x SFP

Electrical and Mechanical

Input Power	100~240VAC, 50/60Hz (2 AC inputs for ET8282-S-RP/ET162162-S-RP)
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Power Consumption	100mA ^{#1} / 200mA ^{#2} @220VAC
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LED Indicators

Power	Power Status
Ethernet (Per Port)	LINK/Activity, Speed
SFP (Per Port)	LINK

Specifications

Dimensions (W x D x H)	433 × 250 × 44 mm
Weight	1.5 ^{#1} / 2.0 ^{#2} Kg
Casing	Aluminum Case
Mounting Options	Rack Mount

Environmental

Operation Temperature	-10°C to 60°C (14°F to 140°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Relative Humidity	5% to 95% non-condensing
MTBF	> 200,000 hrs

Regulatory Approvals

ISO9001, CE, FCC, RoHS

EMI

EN55022:2010+AC:2011, Class A

EN61000-3-2:2006+A1: 2009+A2:2009

EN61000-3-3: 2013

EN55024:2010

EMS

IEC 61000-4-2:2008(ESD)

IEC 61000-4-3:2010(RS)

IEC 61000-4-4:2012(EFT)

IEC61000-4-5: 2014(Surge)

IEC61000-4-6:2013(CS)

IEC 61000-4-8: 2009 (PFMF)

IEC 61000-4-11: 2004 (Voltage dips/variatio

^{#1} ET8282-S/ET8282-S-RP

^{#2} ET162162-S/ET162162-S-RP

Ordering Information

Available Model	Description
ET8282-S	Industrial Rack-mount 8-ch 10/100/1000Base-TX to 1000Base-X SFP Ethernet Media Converter
ET8282-S-RP	Industrial Rack-mount 8-ch 10/100/1000Base-TX to 1000Base-X SFP Ethernet Media Converter, Redundant AC inputs
ET162162-S	Industrial Rack-mount 16-ch 10/100/1000Base-TX to 1000Base-X SFP Ethernet Media Converter
ET162162-S-RP	Industrial Rack-mount 16-ch 10/100/1000Base-TX to 1000Base-X SFP Ethernet Media Converter, Redundant AC inputs

Optional Accessories (to be purchased separately)

SFP (S)=SFP Option. Please select your SFP on our SFP Modules page at the back of the catalogue or our website www.ot-systems.com for details.

Package Checklist

■ Multi-port Media Converter	x 1
■ Power Code, US, UK, EU or AU type on request	x 1
■ Quick Installation Guide	x 1



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