

ET8282-S/ET162162-S

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



Features

General

- ▶ 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
- ▶ -10°C to 60°C (14°F to 140°F) operating temperature

Warranty

- ▶ 5-Year Warranty



ET8282



ET162162

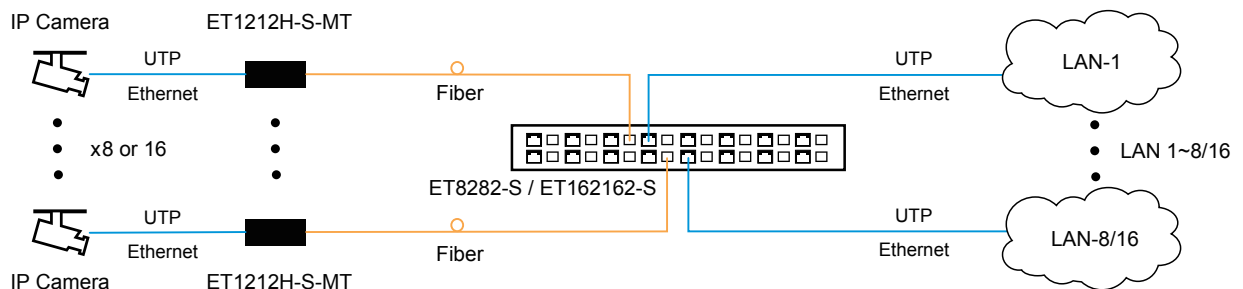
Media Converters

Multi-port Media Converters

Ordering Information

Model	Description
ET8282-S	Industrial Rack-mount 8-ch 10/100/1000Base-TX to 1000Base-FX SFP Ethernet Media Converter
ET162162-S	Industrial Rack-mount 16-ch 10/100/1000Base-TX to 1000Base-FX SFP Ethernet Media Converter
SFP Options	<ul style="list-style-type: none"> ■ (S) = SFP option. Please select your SFP option on our SFP Options page. ■ SFP module is to be purchased separately.
Mounting Options	<ul style="list-style-type: none"> ■ 19" 1U Rack Mount.
Power Options	<ul style="list-style-type: none"> ■ 100~240VAC input.

Typical Application



Specifications

Ethernet

Standards:	IEEE802.3 10Base-T
	IEEE802.3u 100Base-TX
	IEEE802.3ab 1000Base-T
	IEEE802.3z 1000Base-X
Processing Type:	Converter mode
Forward Filter Rate:	14,880pps (10Mbps)
	148,800pps (100Mbps)
	1,488,000pps (1000Mbps)
Packet Buffer Memory:	1Mbit
Max Packet Length:	10K Bytes
Address Table Size:	4,096 MAC Addresses

Interface

10/100/1000Base-T:	8 ^{#1} /16 ^{#2} xRJ45
1000Base-X:	8 ^{#1} /16 ^{#2} xSFP

Electrical and Mechanical

Input Power:	100~240VAC, 50/60Hz
Power Consumption:	100mA ^{#1} / 200mA ^{#2} @220VAC
LED Indicators:	
Power:	Power Status
Ethernet (Per Port):	Link/Active, Speed
SFP (Per Port):	Link/Active
Dimensions (WxDxH):	433x250x44 mm
Weight:	1.5 ^{#1} /2 ^{#2} Kg
Casing:	Aluminum Case
Mounting Options:	Rack Mount

Environmental

Operating 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
EN55022:2010+AC: 2011, Class A
EN 61000-3-2: 2006+A1: 2009+A2: 2009
EN 61000-3-3: 2013
EN55024:2010
IEC 61000-4-2: 2008 (ESD)
IEC 61000-4-3: 2010 (RS)
IEC 61000-4-4: 2012 (EFT)
IEC 61000-4-5: 2014 (Surge)
IEC 61000-4-6: 2013 (CS)
IEC 61000-4-8: 2009 (PFMF)
IEC 61000-4-11: 2004 (Voltage dips/variatioins)

^{#1} ET8282-S

^{#2} ET162162-S



OT Systems Ltd., May 2015

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

