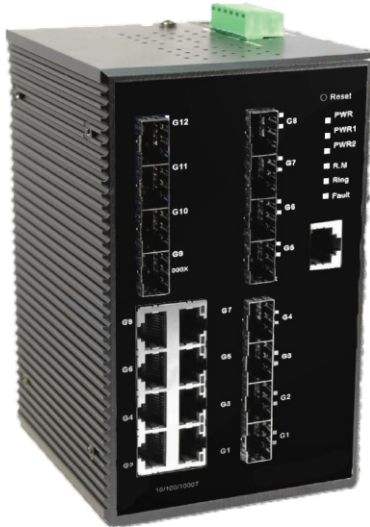
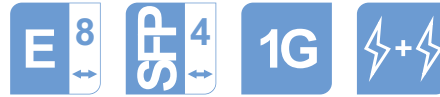


ET8242M Series

Managed Industrial 8-port 10/100/1000Base-T/X SFP Combo + 4-port 1000Base SFP Ethernet Switch



Features

General

- ▶ Supports Jumbo Frame up to 9K Bytes
- ▶ Ring Redundancy (recovery time < 20ms over 250 units, MSTP/RSTP/STP (IEEE 802.1s/w/D) for Ethernet Redundancy
- ▶ Supports ACLs, 802.1x User Authentication for Security
- ▶ Supports SNMP v1/v2c/v3, RMON & 802.1Q VLAN Network Management
- ▶ Supports DDM(Digital Diagnostic Monitoring) Function(P1~P8)
- ▶ Supports DOS/DDOS Auto Prevention
- ▶ IGMP v2/v3 (IGMP snooping support) for Filtering Multicast Traffic
- ▶ -10°C to 60°C (14°F to 140°F) operating temperature

Warranty

- ▶ 3-Year Warranty

Ordering Information

Model	Description
ET8242M-S-DR	Managed Industrial 8-Port 10/100/1000Base-T/X SFP Combo + 4-Port 1000Base SFP
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	■ GS60A48 60W/1.25A 48VDC Power Supply. Open Wire for Terminal Block. ■ Power Supply is to be purchased separately.

Network Switches

Specifications

Ethernet

Standard:	IEEE802.3 for 10Base-T
	IEEE802.3u 100Base-TX/FX
	IEEE802.3z 1000Base-X
	IEEE802.3ab 1000Base-T
	IEEE802.3x Flow Control
	IEEE802.3ad for LACP
	IEEE802.1D Spanning Tree
	IEEE802.1p Class of Service
	IEEE802.1Q VLAN Tag
	IEEE802.1w Rapid Spanning Tree
	IEEE802.1s Multiple Spanning Tree
	IEEE802.1x User Authentication
	IEEE802.1ab Link Layer Discovery
Processing Type:	Store-and-Forward
Address Table Size:	8K MAC Addresses
Priority Queues:	4
Jumbo Frame:	Up to 9K bytes
Interface:	
10/100/1000Base-X:	8x RJ-45
Gigabit Fiber:	4x 1000Base-X SFP Ports
RS-232 Console	1x RJ-45 (Console Cable Included)

Electrical and Mechanical

Input Power:	Dual 12~48VDC Redundant Input
Power Consumption:	22 Watts
Protection:	
Overload Current:	Present
Reverse Polarity:	Present on Terminal Block
LED Indicators:	
Power:	Power Status (PWR, PWR1, PWR2, Fault)
Systems:	Ring (Ring) Ring Master (R.M)
Ethernet (Per Port):	Link/Activity
SFP (Per Port):	Link/Activity
Dimensions (WxDxH):	96.4x 108.5x 154mm
Weight:	1.42Kg
Mounting Options:	IP30 Metal Case DIN-Rail/Wall Mountable

Software Features

Software Features:	
----	STP/RSTP/MSTP (IEEE802.1D/w/s)
----	Redundant Ring with Recovery Time < 20ms over 250 Units
----	TOS/Diffserv Supported
----	Quality of Service (802.1p) for Real-Time Traffic
----	VLAN (802.1Q) with VLAN Tagging and GVRP Supported
----	IGMP Snooping for Multicast Filtering
----	IP-Based Bandwidth Management
----	Application-Based QoS Management
----	DOS/DDOS Auto Prevention
----	Port Configuration, Status, Statistics, Monitoring, Security
----	DHCP Client/Server
Security Features:	
----	IP Police Security Feature
----	Enable/Disable Ports, MAC Based Port Security
----	Port Based Network Access Control
----	VLAN (802.1q) to Segregate and Secure Network Traffic
----	RADIUS Centralized Password Management
----	SNMP v3 Encrypted Authentication and Access Security

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

Regulatory Approvals

EMI	FCC Part 15, CISPR (EN55022) Class A
EMS	EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-8, EN61000-4-11
Stability Testing	Shock: IEC 60068-2-27 Free Fall: IEC 60068-2-32 Vibration: IEC 60068-2-6



OT Systems Ltd., September 2014

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

