

ENP1M02081



8-Port Industrial Managed Ethernet Switch
6*10/100Tx + 2*100Fx, 12-48VDC Power Inputs

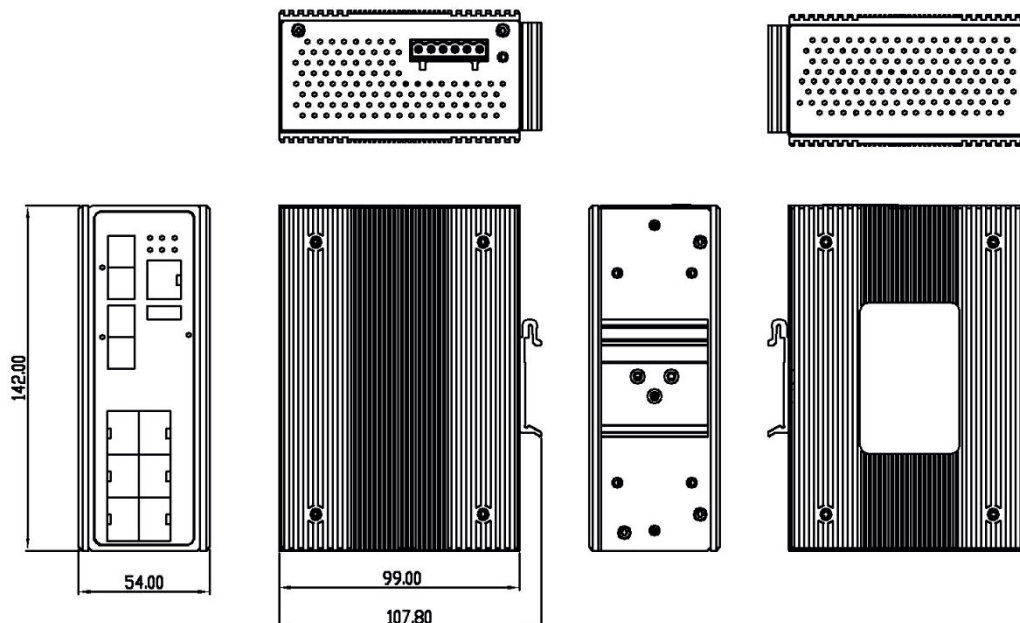


Feature

- 6-port 10/100Tx Fast Ethernet
- 2-port 100Fx - SC/ST connector (Multi/Single Mode)
- Configuration: Web GUI, Serial Console, CLI Command
- Network Redundancy support: G.8032ERPS, RSTP, MSTP
- Supports IGMP v1/v2, up to 256 groups
- Supports IEEE802.1p QoS and CoS/ToS
- Supports IEEE802.1Q VLAN, SNMP v1/v2c/v3
- System Warning setting for automatic warning through e-mail
- Redundant Power Inputs Design, 12-48VDC
- IP30 Rugged Metal Case Design
- DIN-Rail Mounting, Wall Mounting
- Operating Temperature Range - STD: -10°C ~ 65°C



Dimensions (unit = mm)



Specifications

Technology

Standards	IEEE802.3 10BaseT Ethernet IEEE 802.3u 100BaseTX Fast Ethernet IEEE 802.1d STP (Spanning Tree Protocol) IEEE 802.1w RSTP (Rapid Spanning Tree Protocol) IEEE 802.1s MSTP (Multiple Spanning Tree Protocol) ITU-T G.8032 / Y.1344 ERPS (Ethernet Ring Protection Switch) IEEE 802.1Q Virtual Local Area Network (VLAN) IEEE 802.1p QoS/CoS Protocol for Traffic Prioritization IEEE 802.1X Network Authentication
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Processing Type	Store and Forward
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Protocol	CSMA/CD, IGMP v1/v2, SNMP v1/v2c/v3, TFTP, SNMP, SMTP, RARP, RMON, Syslog
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Flow Control	IEEE 802.3x flow control, back pressure flow control
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Switch Properties

Memory Buffer	1Mbits
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MAC Table size	8K Mac Addresses
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IGMP Group	Up to 256 groups
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Network Management

Network Redundancy	STP/RSTP/MSTP, Port Trunk with LACP, ERPS(50ms)
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Configuration	Web-based, Telnet, Console, Cisco -like CLI, TFTP, SSH, SSL, SNMP v1/v2c/v3, RMON, USB
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Software Features	QoS - CoS, ToS/Diffserv mapping, SPQ/WRR queuing 802.1Q Virtual Local Area Network(VLAN) IGMP Snooping, IGMP query DHCP Client/Server/Relay with Option 82 Internet Protocol Version 6 (IPv6) Port Status, Statistics, Monitoring, Security Port Mirror, uPnP, Modbus/TCP
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Security Features	Static MAC address 802.1X authentication, RADIUS SNMP v3 encrypted authentication and access
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Interface

RJ45 Ports	6*10/100BaseT(X), auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection
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Fiber Port	2*100Fx SC/ST type connector Multi-mode (2Km) - 50/125um ~ 62.5/125um, Single-mode (30Km) - 9/125um ~ 10/125um
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LED Indicators	Power 1, Power 2, Fault Ethernet Ports: On-Link/Flash-data transmitting
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Wavelength	Depends on SFP modules
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RS232 Serial Console	1*RS232 in RJ45 connector with console cable, baud rate 115200bps,8,N,1
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Configuration Backup	1*USB 2.0 for firmware update, configuration backup/restore/boot up and syslog
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Network Cable	10BaseT: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m) 100BaseTX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m)
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Power Requirements

Input Voltage	12-48VDC, Redundant Inputs
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Overload Current Protection	Present(Slow-Blow Fuse)
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Power Connection	1 removable 6-contact terminal block
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Reverse Polarity Protection	Present
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Power Consumption	13 Watts for System
Relay Contact	24 VDC, 1A resistive
Protection	
CPU Watch Dog	Present
Mechanical Characteristics	
Housing	Metal, IP30 protection
Dimensions	54x 142 x 99 mm
Weight	Unit Weight: 0.86kg, Shipping Weight: 1.22kg
Mounting	DIN-Rail Mounting, Wall Mounting
Environmental Limits	
Operating Temperature	STD: -10°C ~ 65°C
Storage Temperature	-40°C ~ 85°C
Ambient Relative Humidity	5 to 95%, (non
Regulatory Approvals	
EMI	FCC Part 15 Subpart B Class A, CE EN 55022 Class A
EMS	IEC61000-4-2 (ESD), IEC61000-4-3 (RS), IEC61000-4-4 (EFT), IEC61000-4-5 (Surge), IEC61000-4-6 (CS), IEC61000-4-8 (Magnetic Field)
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
Compliance	NEMA TS2 (ITS)-EoT version
Warranty	5 Years
Ordering Information	
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Due to continuous improvement, all product specifications are subject to change without further notice.