eneo NSMI-4004M0A

Articlenumber: 242371

Short description

Gigabit Switch Industrial, Managed, 4x PoE, 2xSFP, 30W each Port, -40°C~75°C, 44~57 VDC, w/o power supply



Key features

- 4 RJ45 ports with 10/100/1000 Mbps
- 2 Gigabit SFP ports for fiber optic uplink
- 4 PoE+ ports, each with up to 30W power
- Total PoE power: up to 110 watts,
- depending on the connection
- Supports IEEE 802.3af/at standards
- High EMC protection level
- Supports VLAN, ACL, and ERPS ring network
- Redundant power supply 44-57VDC
- Robust IP30 housing, DIN-RAIL or wall mounting
- Operating temperature range: -40-75°C
- Power supply not included

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Features

Product Labels	
EAN/GTIN	4260229841631
Manufacturer number	242371
Series	eneo Switch
Features	
Multicast	Yes
QoS	DSCP Priority, QoS, WRR
Network	
Security	Password, Fast Ring, Port Isolation, Radius Authentication
Eneo _netzwerkstandards	IEEE 802.3 10BaseT, IEEE 802.3u 100BaseTX, IEEE 802.3x Flow Control, IEEE 802.1p QoS, IEEE 802.1D Spanning Tree Protocol
Internal Switching Capacity (Gbit)	12 Gbps
VLAN	Yes
Interfaces / Inputs / Outputs	
Ethernet interface	10Base-T, 100Base-TX, 1000Base-T
Ports	4x 10/100/1000Base-T
General	
Design	DIN Rail Module
Dimensions (WxHxD) (extended)	38,5x136x108mm
Weight	1.168 kg
Number of PoE ports	4
Type	Smart Switch
Power consumption	10 W
Fan	No
Management	Yes
Mounting type	Wall, DIN Rail
PoE Budget (Total)	110 W
Power over Ethernet	IEEE 802.3af, IEEE 802.3at
Power supply	44-57VDC
Temperature Range (Operating)	-40°C ~ +75°C, @ Luftfeuchtigkeit 10%-90% (nicht kondensierend)
ESD protection	IEC61000-4-2, IEC61000-4-5
Scope of Delivery	
Scope of delivery	manual, 1x DIN Rail

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Continuation Features

Notes	
Remark	No power supply included. A suitable, optionally available power supply must be used to achieve the full specified PoE budget value.

Further information

Application: The industrial PoE switch is ideal for small to mid-sized video surveillance setups in demanding environments. Its fanless design, wide temperature range (-40–75 °C), and redundant DC input make it suitable for industrial sites, outdoor use, and transportation systems. The plug-and-play setup enables quick and simple deployment.

External Power Supply: The recommended standard power depends on the performance of the external power supply unit in industrial quality. This product has 4 PoE ports. In terms of compatibility with a 60W power supply, the PoE power is approximately 50W. If 4 ports are set up with a 120W industrial power supply, a power output of up to 110W can be provided.

Optional Accessories

Art. Nr	Name	Product description
216478	eneo SFP-1310M40	SFP Modul, 1.25Gbps, 550m, Multimode, 1310nm, Duplex LC Connector, -40°~+75°C
216567	eneo SFP-0850MM10	SFP Modul, 155Mbps , 2km, Multimode, 850nm, Duplex LC Connector, 0°~+70°C
218758	eneo SFP-0850M40	SFP Modul, 1,25Gbps, 550m, Multimode, 850nm, Duplex LC Connector, -40° ~ +70°C
218759	eneo SFP-0850M10-10G	SFP Modul, 10Gbps, 300m, Multimode, 850nm, Duplex LC Connector, -5°~+70°C
218760	eneo SFP-1310S10-10G	SFP Modul, 10Gbps, 10km, Singlemode, 1310nm, Duplex LC Connector, -5°~+70°C
242373	eneo NSFP-3000SSC	SFP Modul Pair, 1,25Gbps, 3KM, Simplex SC, Tx/Rx at 1310/1550nm, SFP MSA-compliant, Digital Monitoring
242374	eneo NSFP-3000SLC	SFP Modul Pair, 1,25Gbps, 3KM, Simplex LC, Tx/Rx at 1310/1550nm, SFP MSA-compliant, Digital Monitoring
242375	eneo NSFP-20000SSC	SFP Modul Pair, 1,25Gbps, 20KM, Simplex SC, Tx/Rx at 1310/1550nm, SFP MSA-compliant, Digital Monitoring
242376	eneo NSFP-20000SLC	SFP Modul Pair, 1.25 Gbps, 20 km, Simplex LC, Tx/Rx at 1310/1550nm, SFP MSA-compliant, Digital Monitoring
242377	eneo NSFP-20000DLC	SFP Module, 1.25 Gbps, 20KM, Duplex LC, Tx/Rx at 1310 nm, hot-plug, SFP MSA-compliant, Digital Monitoring
244698	eneo NSFP-00100RJ45	SFP module, transceiver, RJ45 connection, Cat.6A, supports 10G/5G/2.5 G/1G Ethernet up to 50m range, CAT6a, hot-pluggable
245203	eneo NSFP-00300DLC-Multimode	SFP module, transceiver, Multi Mode, 1250Mbps, up to 550m distance, Duplex LC optical connector

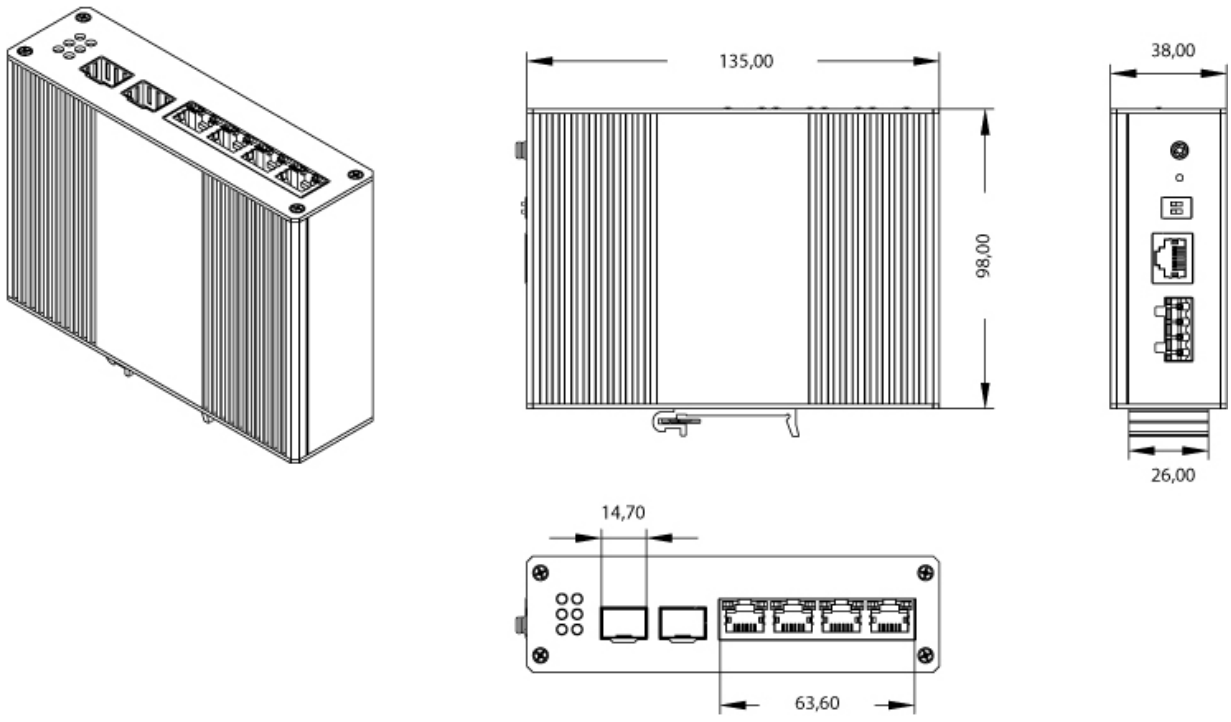
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Optional Recommendations

Art. Nr	Name	Product description
228555	jetrics NDR-240-48 DIN RAIL	Power Supply, 230VAC / 48VDC, max. 240W, for DIN rail mounting
245313	jetrics WDR-480-48 Industrial Power Supply	Input 230VAC, Output 48VDC, for DIN RAIL TS-35/7.5 or 15 Operating temperature from -30 °C to +70 °C

Technical Drawing

Maße / Dimensions in mm



eneo is a registered trademark of
VIDEOR E. Hartig GmbH
Carl-Zeiss-Straße 8
63322 Rödermark, Deutschland

Phone: +49 6074 - 888 - 300
Fax: +49 6074 - 888 - 100
E-Mail: info@eneo-security.com
Web: www.eneo-security.com

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