

EP-0802G

8+2 Port Industrial Unmanaged PoE+ Gigabit Ethernet Switch



- 8x Gigabit Ethernet ports with IEEE 802.3at PoE+
- 2x 100/1000F(x) SFP Slot
- Built for harsh environments and wide temperature range application
- Relay Output with Current Carrying Capacity
- IP30 housing
- DIN-Rail Mounting, Optional Wall Mounting



Specifications

Technology

Standards	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3ab 1000BaseT IEEE 802.3z 1000BaseX IEEE 802.3x Flow Control IEEE 802.3af Power over Ethernet IEEE 802.3at PoE+
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Processing Type	Store and Forward
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Switch Properties

Switch Fabric	20Gbps
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Priority Queues	-
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MAC Table Size	8K
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Packet Buffer	4Mbits
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Interface

RJ45 Port	8x 10/100/1000T(x) with PoE+, auto negotiation speed duplex mode, auto MDI/MDI-X
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Fiber Port	2x 100/1000F(x) SFP Slot
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PoE Pin Out	V+, V+, V-, V-, for pin 1, 2, 3, 6, Endspan, MDI Mode A
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LED Indicators	Per unit: PWR1, PWR2, Fault Ports: Link/Active(Green) PoE: Output Power(Amber)
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Alarm Contact	1x relay output with current carrying
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capacity of 1A @ 24 VDC

Power Requirements

Operation Voltage	48-57VDC, redundant dual inputs, >50VDC for PoE+ output recommended
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Connection	1x removable 6-contact terminal block
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Power Consumption	0.21A@48VDC without PDs' consumption
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PoE Power Budget	240W
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Protection	Overload Current Protected, Reverse Polarity Protected
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Mechanical Construction

Enclosure	Aluminum
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Protection Class	IP30
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Dimensions	50x120x100 mm (WxHxD)
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Weight	0.67 kg
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Mounting	DIN-Rail Mounting, Optional Wall Mounting Kits
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Environmental Limits

Operating Temperature	Standard: -10°C ~ 60°C (14°F ~ 140°F) Extended: -40°C ~ 75°C (-40°F ~ 167°F)
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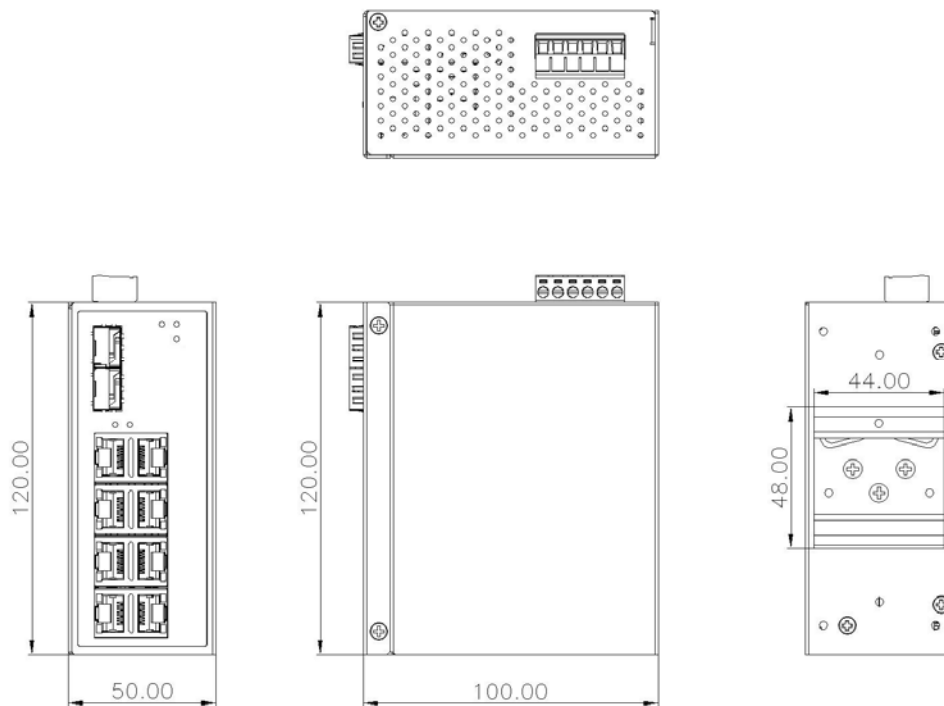
Storage	-40°C ~ 85°C (-40°F ~ 185°F)
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Temperature	
Ambient Relative Humidity	5 to 95%, (Non-Condensing)
Regulatory Approvals	
EMI	FCC Part 15 Subpart B Class A CE EN 55032 Class A
EMS	IEC61000-4-2 (ESD) IEC61000-4-3 (RS) IEC61000-4-4 (EFT) IEC61000-4-5 (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
Certifications	IEC 61000-6-2 IEC 61000-6-4
MTBF	>100,000 hours
Warranty	5 Years

Features with star(*) implies those are under development.
In a continuing effort of improvement and updated technology, product specifications are subject to change without notice.

Dimensions (unit = mm)



Ordering Information

EP-0802G	8+2 Port Industrial Unmanaged PoE+ Gigabit Ethernet Switch - 8x 10/100/1000T(x) with 30W PSE + 2x 100/1000F(x) SFP Slot - Operating Temperature: -10°C ~ 60°C (14°F ~ 140°F)
EP-0802G-T	8+2 Port Industrial Unmanaged PoE+ Gigabit Ethernet Switch - 8x 10/100/1000T(x) with 30W PSE + 2x 100/1000F(x) SFP Slot - Operating Temperature: -40°C ~ 75°C (-40°F ~ 167°F)

Optional Accessories

NDR-240-48	240W Industrial DIN-Rail Power Supply, 48VDC (metal case)
NDR-480-48	480W Industrial DIN-Rail Power Supply, 48VDC (metal case)