

EP-0800GB

8 Port Industrial Unmanaged PoE+ Gigabit Ethernet Switch



- 8x Gigabit Ethernet ports with IEEE 802.3at PoE+
- Built for harsh environments and wide temperature range application
- Relay Output with Current Carrying Capacity
- IP30 housing
- DIN-Rail Mounting



Specifications

Technology

Standards	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3ab 1000BaseT 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	16Gbps
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Priority Queues	-
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MAC Table Size	4K
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Packet Buffer	1.5Mbits
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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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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
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Alarm Contact	1x relay output with current carrying capacity of 1A @ 24 VDC
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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	0.06A@48VDC without PDs' consumption
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PoE Power Budget	Max. 180W for total PD consumption, Max. 30 W per PoE port
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Protection	Overload Current Protected, Reverse Polarity Protected
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Mechanical Construction

Enclosure	Steel metal
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Protection Class	IP30
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Dimensions	29x140x98 mm (WxHxD)
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Weight	0.8 kg
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Mounting	DIN-Rail Mounting
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Environmental Limits

Operating Temperature	Extended: -40°C ~ 75°C (-40°F ~ 167°F)
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Storage Temperature	-40°C ~ 85°C
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Ambient Relative Humidity	5 to 95%, (Non-Condensing)
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Regulatory Approvals

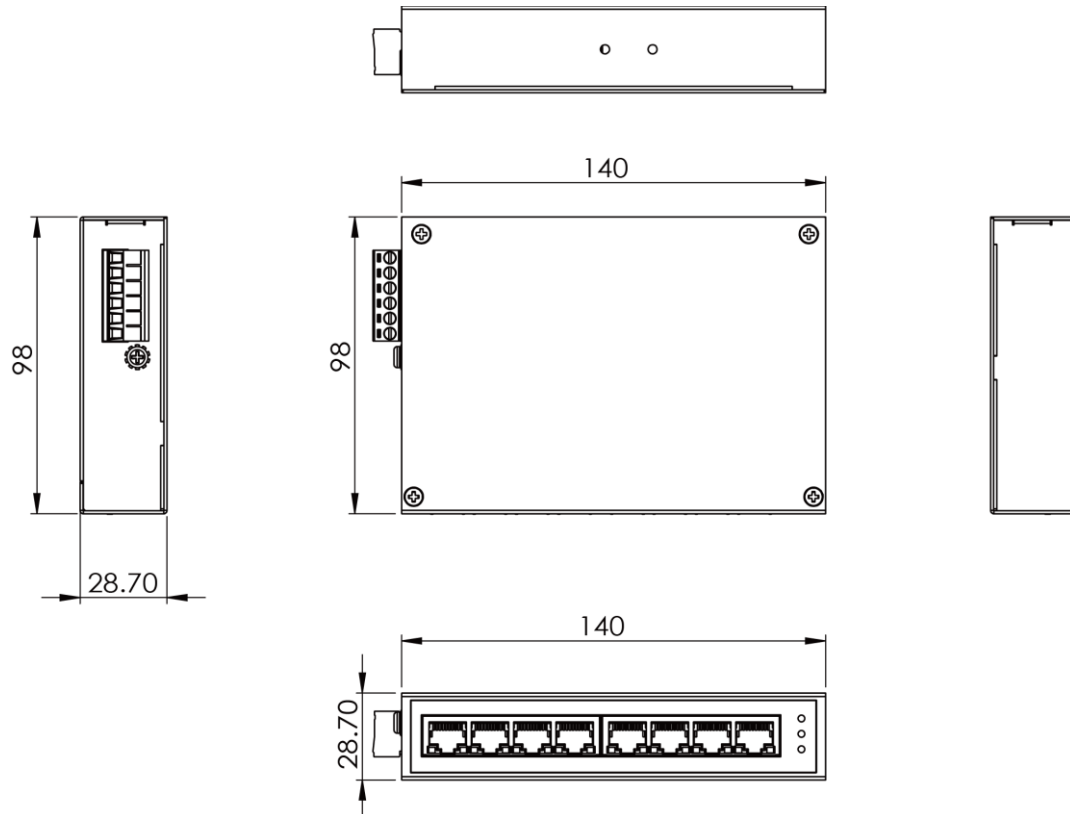
EMI	FCC Part 15 Subpart B Class A CE EN 55032 Class A
EMS	IEC61000-4-2 (ESD) IEC61000-4-3 (RS) IEC61000-4-4 (EFT) IEC61000-4-5 (Surge) IEC61000-4-6 (CS) IEC61000-4-8 (Magnetic Field)

Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
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-0800GB-T	8 Port Industrial Unmanaged PoE+ Gigabit Ethernet Switch - 8x 10/100/1000T(x) with 30W PSE - Operating Temperature: -40°C ~ 75°C (-40°F ~ 167°F)
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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)