

EP-0800GD

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+
------------------	--

Processing Type	Store and Forward
------------------------	-------------------

Switch Properties

Switch Fabric	16Gbps
----------------------	--------

Priority Queues	-
------------------------	---

MAC Table Size	4K
-----------------------	----

Packet Buffer	1.5Mbits
----------------------	----------

Interface

RJ45 Port	8x 10/100/1000T(x) with PoE+, auto negotiation speed duplex mode, auto MDI/MDI-X
------------------	--

PoE Pin Out	V+, V+, V-, V-, for pin 1, 2, 3, 6, Endspan, MDI Mode A
--------------------	---

LED Indicators	Per unit: PWR1, PWR2, Fault Ports: Link/Active(Green) PoE: Output Power
-----------------------	--

Alarm Contact	1x relay output with current carrying capacity of 1A @ 24 VDC
----------------------	---

Power Requirements

Operation Voltage	48-57VDC, redundant dual inputs, >50VDC for PoE+ output recommended
--------------------------	---

Connection	1x removable 6-contact terminal block
-------------------	---------------------------------------

Power Consumption	0.09A@48VDC without PDs' consumption
--------------------------	--------------------------------------

PoE Power Budget	Max. 180W for total PD consumption, Max. 30 W per PoE port
-------------------------	--

Protection	Overload Current Protected, Reverse Polarity Protected
-------------------	--

Mechanical Construction

Enclosure	SECC
------------------	------

Protection Class	IP30
-------------------------	------

Dimensions	29x140x98 mm (WxHxD)
-------------------	----------------------

Weight	0.8 kg
---------------	--------

Mounting	DIN-Rail Mounting
-----------------	-------------------

Environmental Limits

Operating Temperature	Extended: -40°C ~ 75°C (-40°F ~ 167°F)
------------------------------	--

Storage Temperature	-40°C ~ 85°C
----------------------------	--------------

Ambient Relative Humidity	5 to 95%, (Non-Condensing)
----------------------------------	----------------------------

Regulatory Approvals

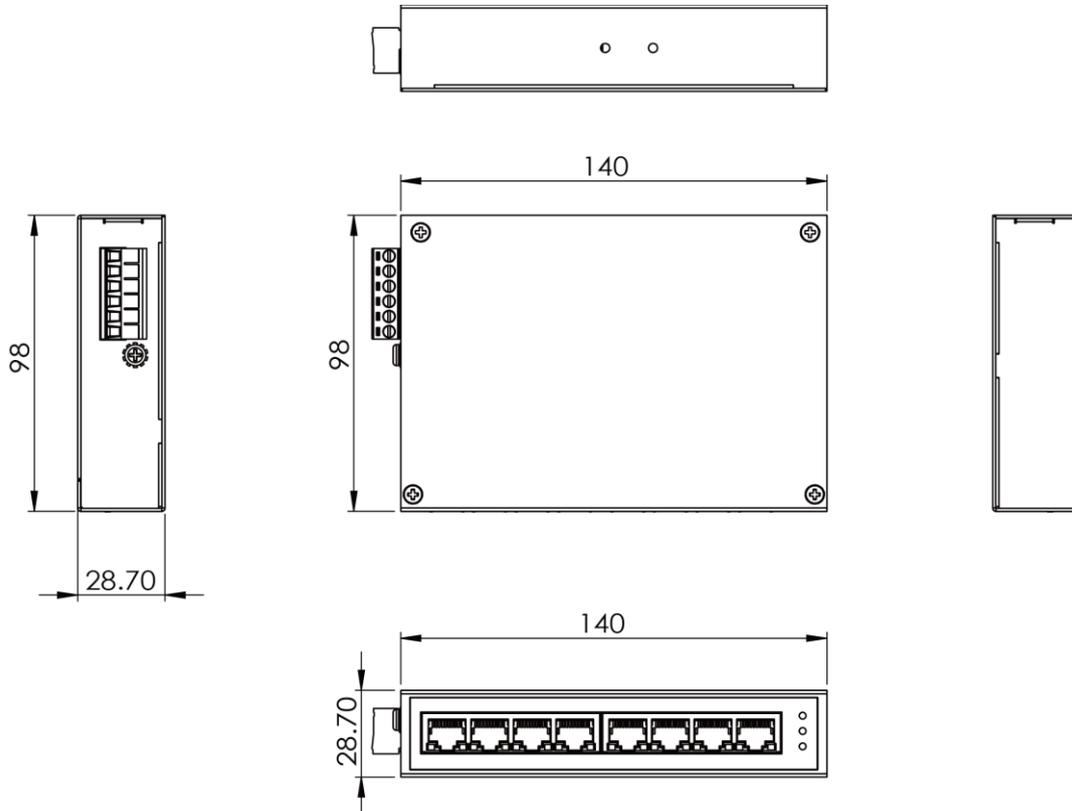
EMI	FCC Part 15 Subpart B Class A CE EN 55032 Class A
EMS	IEC61000-4-2 (ESD) IEC61000-4-3 (RS) IEC61000-4-4 (EFT) IEC61000-4-5 (Surge) IEC61000-4-6 (CS) IEC61000-4-8 (Magnetic Field)

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-0800GD-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)
--------------------	--

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)