

ET-0800GD

8 Port Industrial Unmanaged PoE+ Booster Gigabit Ethernet Switch



- 8x Gigabit Ethernet ports with IEEE 802.3at PoE+
- Built for harsh environments and wide temperature range application
- IP30 housing
- DIN-Rail Mounting
- Power Boost for PoE+



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
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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, Ends span, MDI Mode A
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LED Indicators	Per unit: PWR1, PWR2
	Ports: Link/Active speed (Green)
	PoE: Output Power (Amber)

Power Requirements

Operation Voltage	12-57VDC, redundant dual inputs
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Connection	1x removable 4-contact terminal block
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Power Consumption	0.22A@24VDC without PDs' consumption
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PoE Power Budget	Max. 30 W per PoE port. Max. total output power for PD: 200W@24V input, 100W@12V input.
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Protection	Overload Current Protected, Reverse Polarity Protected
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Mechanical Construction

Enclosure	SECC
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Protection Class	IP30
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Dimensions	43x140x140 mm (WxHxD)
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Weight	0.57 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)

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

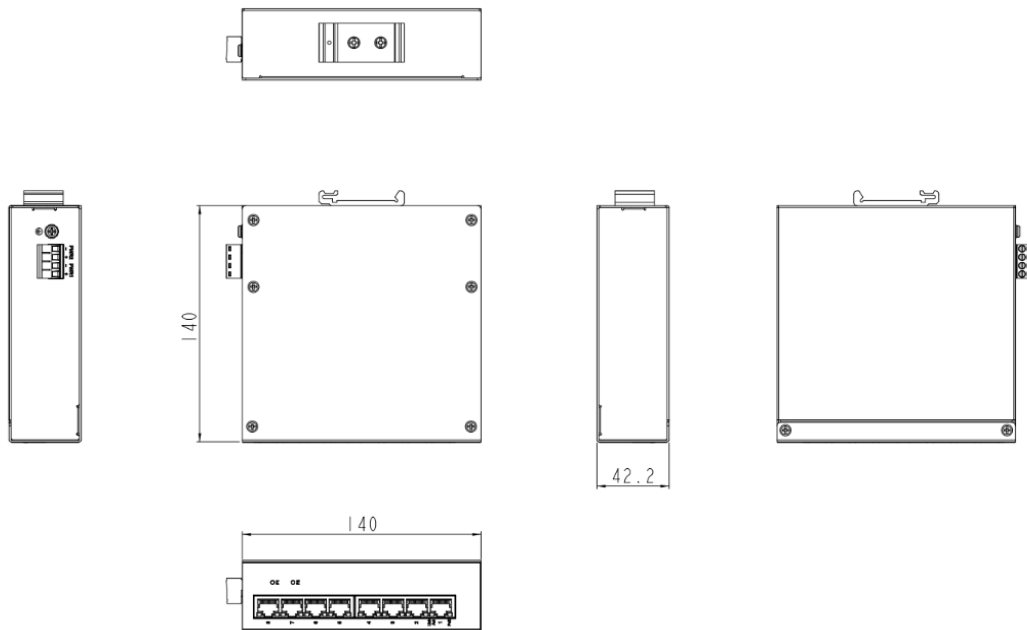
MTBF >100,000 hours

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

ET-0800GD-T

8 Port Industrial Unmanaged PoE+ Booster Gigabit Ethernet Switch

- 8x 10/100/1000T(x) with 30W PSE

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

Optional Accessories

NDR-240-24

240W Industrial DIN-Rail Power Supply, 24VDC (metal case)