

ET-0800L

8 Port Industrial Unmanaged PoE+ Booster Ethernet Switch



- 8x Fast 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 802.3x 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	1.6Gbps
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Priority Queues	-
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MAC Table Size	1K
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Packet Buffer	448Kbits
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Interface

RJ45 Port	8x 10/100T(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
	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
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block

Power Consumption	0.08A@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	0.8 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
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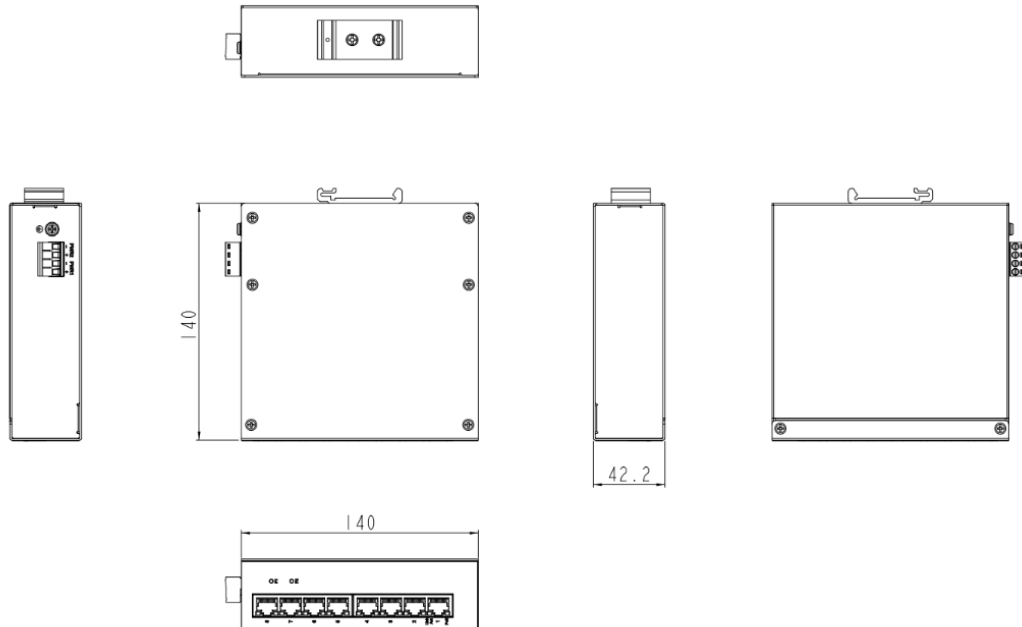
EMS	IEC61000-4-2 (ESD)
	IEC61000-4-3 (RS)
	IEC61000-4-4 (EFT)
	IEC61000-4-5 (Surge)
	IEC61000-4-6 (CS)
	IEC61000-4-8 (Magnetic Field)
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6

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-0800L-T	8 Port Industrial Unmanaged PoE+ Booster Ethernet Switch
	- 8x 10/100T(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)
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