

EP-0500G

5 Port Industrial Unmanaged PoE+ Gigabit Ethernet Switch



- 5x Gigabit Ethernet ports with 4x IEEE 802.3at PoE+
- Built for harsh environments and wide temperature range application
- 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	10Gbps
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Priority Queues	-
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MAC Table Size	2K
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Packet Buffer	1Mbits
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Interface

RJ45 Port	5x 10/100/1000T(x) with 4x 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 (Green) PoE: Output Power
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Power Requirements

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

Connection	1x removable 4-contact terminal block
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Power Consumption	5W without PDs' consumption
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PoE Power Budget	120W
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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	29x140x98 mm (WxHxD)
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Weight	0.7 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 (-40°F ~ 185°F)
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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
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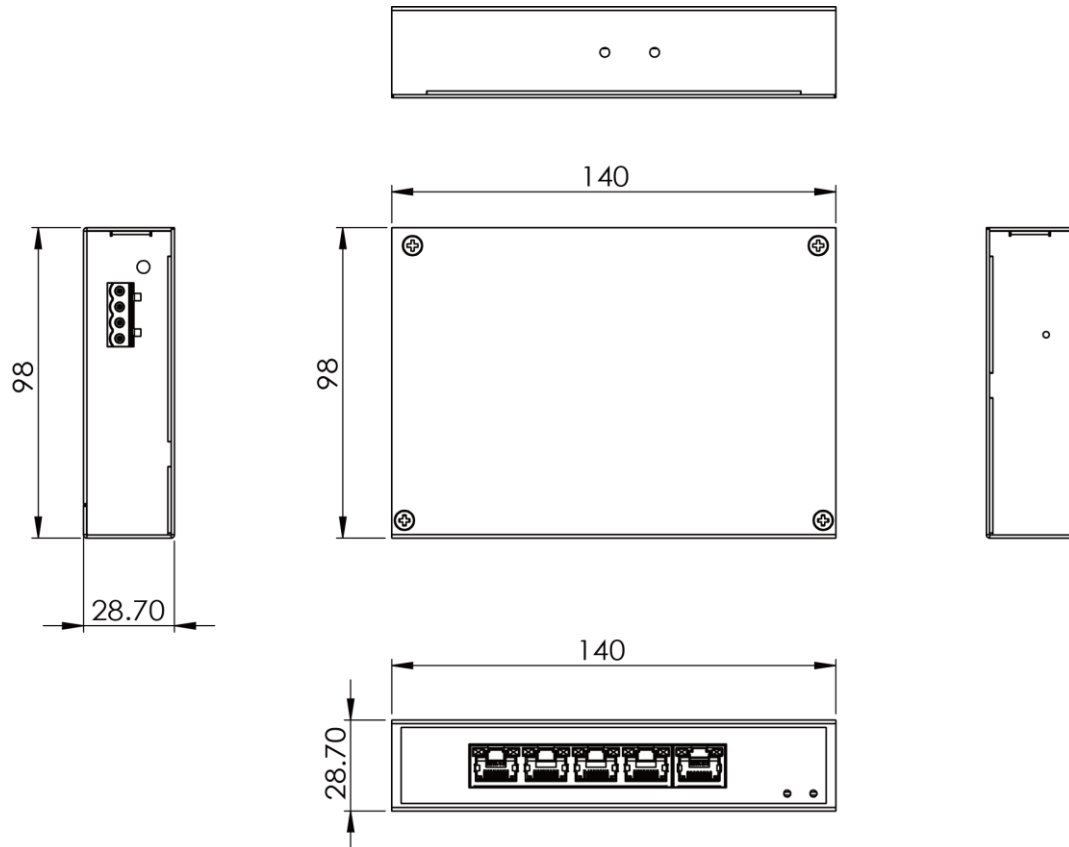
	CE EN 55032 Class A
EMS	IEC61000-4-2 (ESD)
	IEC61000-4-3 (RS)
	IEC61000-4-4 (EFT)
	IEC61000-4-5 (Surge)
	IEC61000-4-6 (CS)
	IEC61000-4-8 (Magnetic Field)
Free Fall	IEC60068-2-32

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-0500G-T	5 Port Industrial Unmanaged PoE+ Gigabit Ethernet Switch
	- 5x 10/100/1000T(x) with 4x 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)