

ET-1002G

10+2 Port Industrial Unmanaged PoE+ Booster Gigabit Ethernet Switch



- 10x Gigabit Ethernet ports with 8x IEEE 802.3at PoE+
- 2x 100/1000F(x) SFP Slot
- Built for harsh environments and wide temperature range application
- Relay Output with Current Carrying Capacity
- IP30 housing
- DIN-Rail Mounting, Optional Wall Mounting
- Power Boost for PoE+



Specifications

Technology

Standards	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3ab 1000BaseT IEEE 802.3z 1000BaseX 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	24Gbps
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Priority Queues	-
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MAC Table Size	8K
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Packet Buffer	4Mbits
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Interface

RJ45 Port	10x 10/100/1000T(x) with 8x PoE+, auto negotiation speed duplex mode, auto MDI/MDI-X
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Fiber Port	2x 100/1000F(x) SFP Slot
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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 with highest speed(Green), low speed(Amber) 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	12-57VDC, redundant dual inputs, >50VDC for PoE+ output recommended
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Connection	1x removable 4-contact terminal block
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Power Consumption	14W without PDs' consumption
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PoE Power Budget	Max. 30 W per PoE port. Max. total output power for PD: 190W@24V input, 90W@12V input.
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Protection	Overload Current Protected, Reverse Polarity Protected
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Mechanical Construction

Enclosure	Aluminum
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Protection Class	IP30
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Dimensions	72x145x118 mm (WxHxD)
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Weight	0.75 kg
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Mounting	DIN-Rail Mounting, Optional Wall Mounting Kits
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Environmental Limits

Operating Temperature	Standard: -10°C ~ 60°C (14°F ~ 140°F) Extended: -40°C ~ 75°C (-40°F ~ 165°F)
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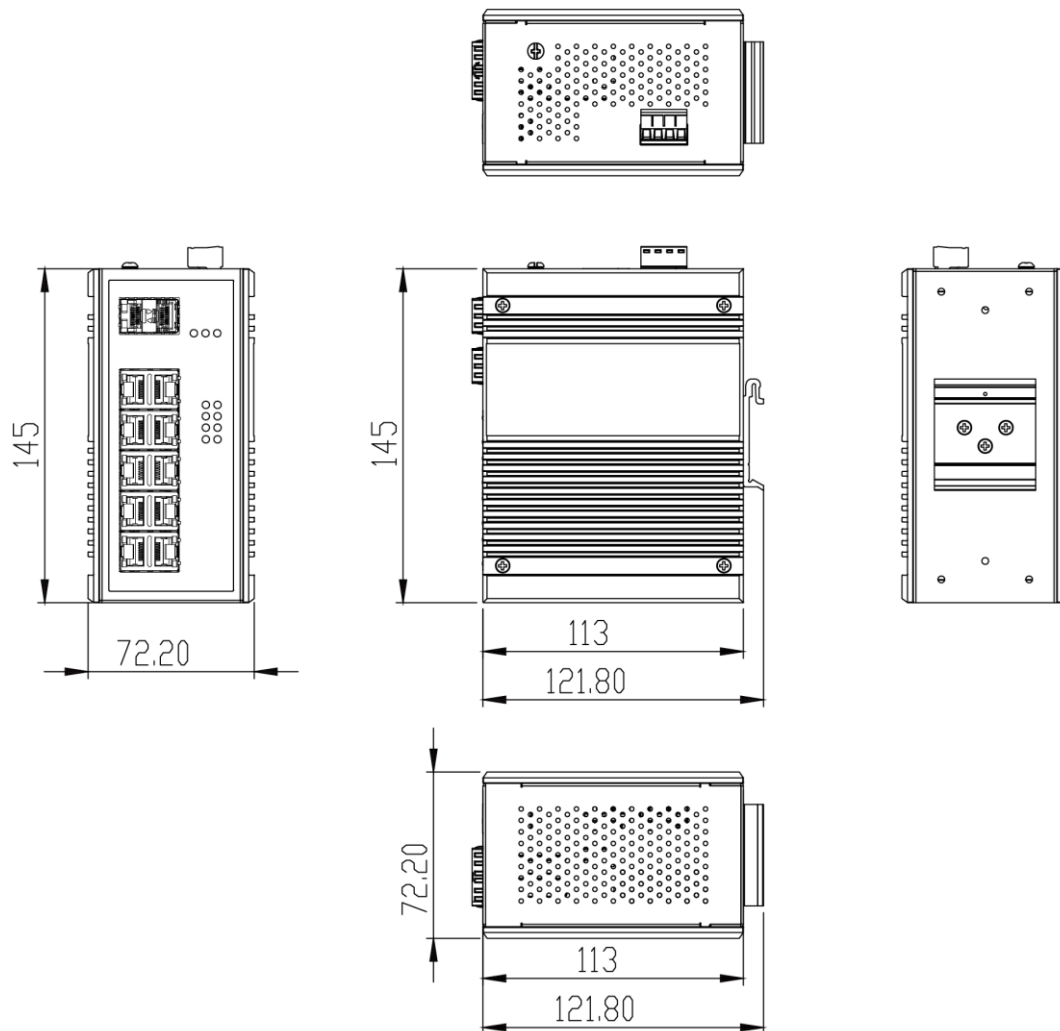
	167°F)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
Ambient Relative Humidity	5 to 95%, (Non-Condensing)
Regulatory Approvals	
EMI	FCC Part 15 Subpart B Class A CE EN 55032 Class A
EMS	IEC61000-4-2 (ESD) IEC61000-4-3 (RS) IEC61000-4-4 (EFT)

	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	E-Mark (Optional)
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-1002G	10+2 Port Industrial Unmanaged PoE+ Booster Gigabit Ethernet Switch - 10x 10/100/1000T(x) with 8x 30W PSE + 2x 100/1000F(x) SFP Slot - Operating Temperature: -10°C ~ 60°C (14°F ~ 140°F)
ET-1002G-T	10+2 Port Industrial Unmanaged PoE+ Booster Gigabit Ethernet Switch - 10x 10/100/1000T(x) with 8x 30W PSE + 2x 100/1000F(x) SFP Slot - Operating Temperature: -40°C ~ 75°C (-40°F ~ 167°F)

Optional Accessories

NDR-240-24	240W Industrial DIN-Rail Power Supply, 24VDC (metal case)
NDR-480-24	480W Industrial DIN-Rail Power Supply, 24VDC (metal case)
