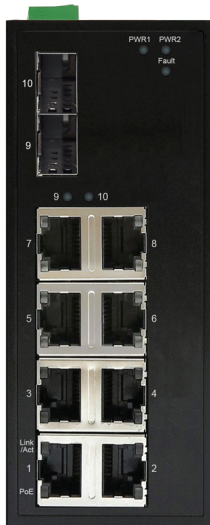


ISGPOEMT0802G

8+2 Port Industrial PoE+ Gigabit Ethernet Switch



- 8x Gigabit Ethernet ports with 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



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

Switch Properties

Priority Queues	-
Jumbo Frame	9600bytes
MAC Table Size	8K
Packet Buffer	4Mbits

Interface

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

Fiber Port 2x 100/1000F(x) SFP Slot

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 with highest speed(Green), low speed(Amber)
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

Connection 1x removable 6-contact terminal block

ISGPOEMT0802G

Power Consumption	0.21A@48VDC without PDs' consumption
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PoE Power Budget	240W
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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	50x120x100 mm (WxHxD)
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Weight	0.67 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 ~ 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 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)
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Free Fall	IEC60068-2-32
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Shock	IEC60068-2-27
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Vibration	IEC60068-2-6
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Green	RoHS Compliant
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Certifications	61000-6-2 61000-6-4
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MTBF	>100,000 hours
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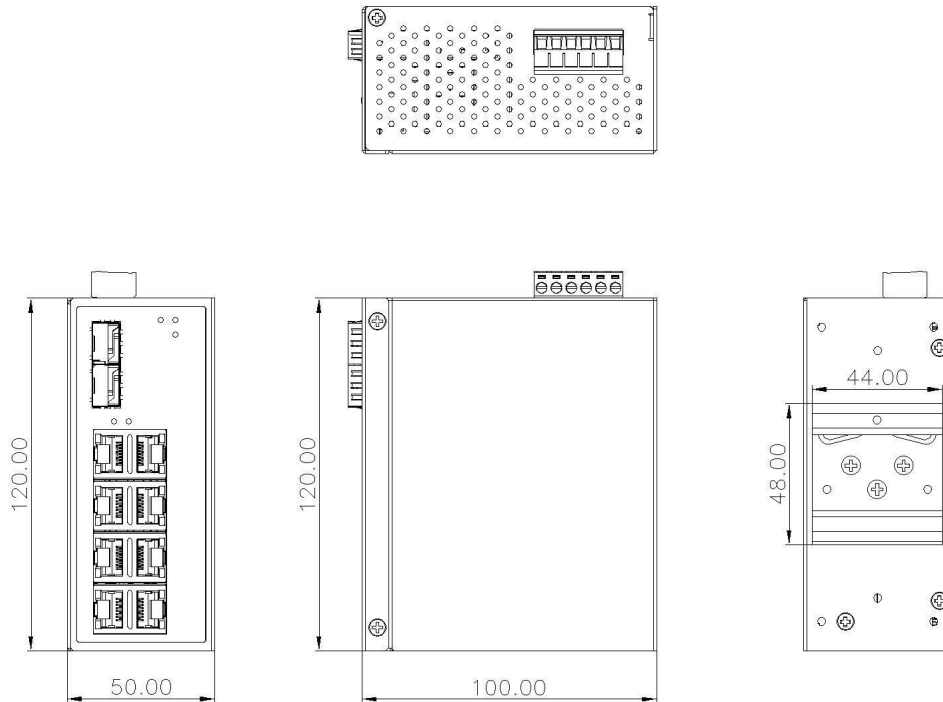
Warranty	5 Years
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Features with star(*) implies those are under development.

In a continuing effort of improvement and updated technology, product specifications are subject to change without notice.

Dimensions (unit = mm)

ISGPOEMT0802G



Ordering Information

ISGPOEMT802G	8+2 Port Industrial PoE+ Gigabit Ethernet Switch - 8x 10/100/1000T(x) with 30W PSE + 2x 100/1000F(x) SFP Slot
ISGPOEMT802GT	8+2 Port Industrial PoE+ Gigabit Ethernet Switch - 8x 10/100/1000T(x) with 30W PSE + 2x 100/1000F(x) SFP Slot - Operating Temperature: -40°C ~ 75°C (-40°F ~ 167°F)

Optional Accessories

ISDR7548	Industrial DIN-Rail Power Supply with 48VDC Output, provide max. 75W Power
ISDR12048	Industrial DIN-Rail Power Supply with 48VDC Output, provide max. 120W Power
ISDRP24048	Industrial DIN-Rail Power Supply with PFC Function with 48VDC Output, provide max. 240W Power
ISDRP48048	Industrial DIN-Rail Power Supply with PFC Function with 48VDC Output, provide max. 480W Power