

ES-0802G

8+2 Port Industrial Unmanaged Gigabit Ethernet Switch



- 8x Gigabit Ethernet ports
- 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

Standard

IEEE 802.3 10BaseT
IEEE 802.3u 100BaseTX

IEEE 802.3ab 1000BaseT
IEEE 802.3x Flow Control

IEEE 802.3z 1000BaseX

Processing Type

Store and Forward

Switch properties

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

Interface

RJ45 Ports	8x 10/100/1000T(x), auto negotiation speed duplex mode, auto MDI/MDI-X	LED Indicators	Per unit: PWR1, PWR2, Fault Ports: Link/Active with highest speed(Green), low speed(Amber)
Alarm Contact	1x relay output with current carrying capacity of 1A @ 24 VDC	Fiber Port	2x 100/1000F(x) SFP Slot

Power Requirements

Operation Voltage	12-48VDC, redundant dual inputs	Protection	Overload Current Protected, Reverse Polarity Protected
Connection	1x removable 6-contact terminal block	Power Consumption	15W

Mechanical Construction

Enclosure	Aluminum	Weight	0.7 kg
Protection Class	IP30	Mounting	DIN-Rail Mounting, Optional Wall Mounting Kits
Dimensions	50x120x100 mm (WxHxD)		

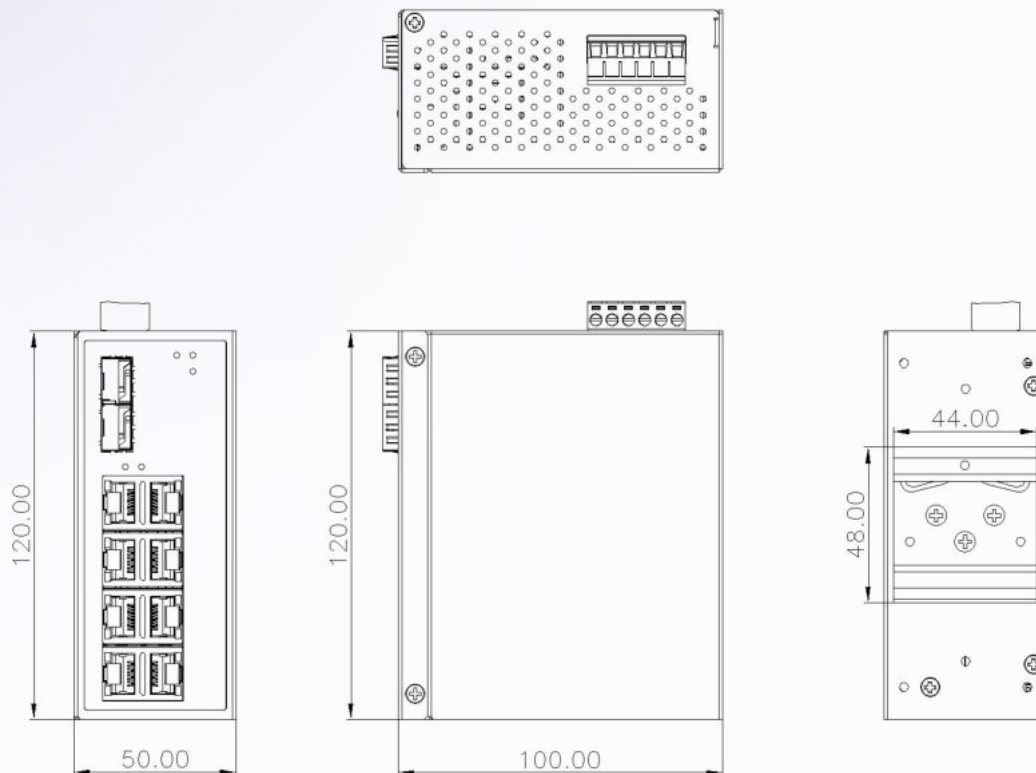
Environmental Limits

Operating Temperature	Extended: -40°C ~ 75°C (-40°F ~ 167°F) For 10G SFP+: -40 ~ 60°C (32°F ~ 140°F)	Ambient Relative Humidity	5 to 95%, (Non-Condensing)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)		

Regulatory Approvals

EMI	FCC Part 15 Subpart B Class A CE EN 55032 Class A	Shock	IEC60068-2-27
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)	Vibration	IEC60068-2-6
Free Fall	IEC60068-2-32	Green	RoHS Compliant
		Certifications	EN 50121-4
		MTBF	>100,000 hours
		Warranty	5 Years

Dimensions (unit = mm)



Ordering Information

Available Models

ES-0802G-T 8+2 Port Industrial Unmanaged Gigabit Ethernet Switch
- 8x 10/100/1000T(x) + 2x 100/1000F(x) SFP Slot
- Operating Temperature: -40°C ~ 75°C (-40°F ~ 167°F)

Optional Accessories

NDR-75-24 75W Industrial DIN-Rail Power Supply, 24VDC (metal case)

NDR-75-48 75W Industrial DIN-Rail Power Supply, 48VDC (metal case)