

IS-DG310P-2F-8

8+2 Port Industrial Unmanaged PoE+ Gigabit Ethernet Switch



Key features

- ▶ 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

Specification

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+
Processing Type	Store and Forward

Switch Properties

Switch Fabric	20Gbps
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, >50VDC for PoE+ output recommended
Connection	1x removable 6 - contact terminal block
Power Consumption	0.21A@48VDC without PDs' consumption
PoE Power Budget	240W
Protection	Overload Current Protected, Reverse Polarity Protected

Mechanical Construction

Enclosure	Aluminum
Protection Class	IP30
Dimensions	50x120x100 mm (WxHxD)
Weight	0.67 kg
Mounting	DIN-Rail Mounting, Optional Wall Mounting Kits

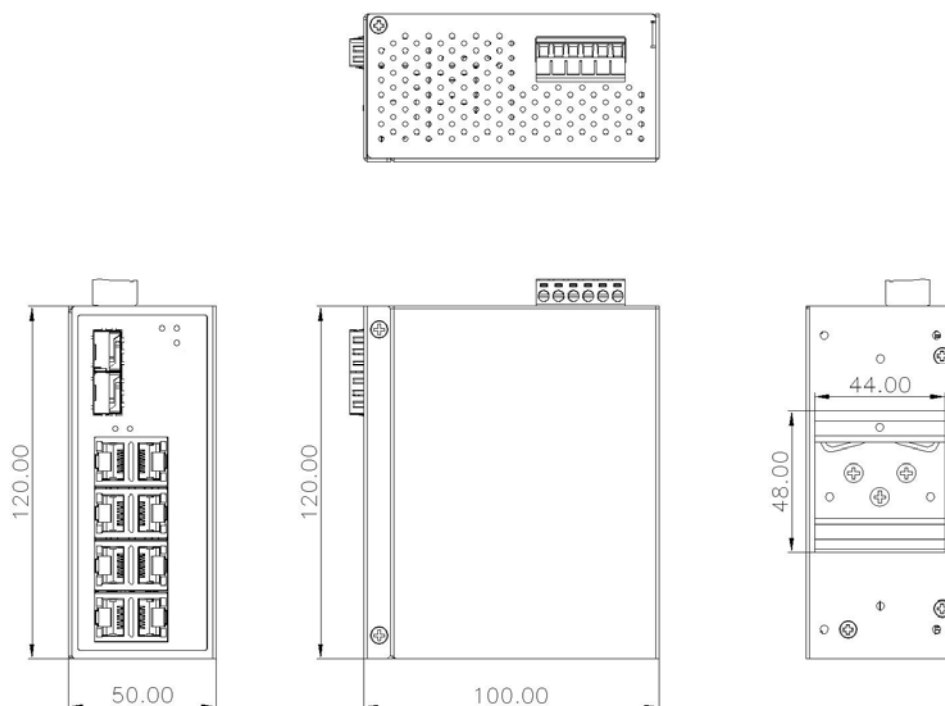
Environmental Limits

Operating Temperature	-40°C ~ 75°C (-40°F ~ 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	IEC 61000 - 6 - 2 IEC 61000 - 6 - 4
MTBF	>100,000 hours
Warranty	5 Years

Dimensions (unit = mm)



Ordering Information

Available Models	Description
IS-DG310P-2F-8	8+2 Port Industrial Unmanaged 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)