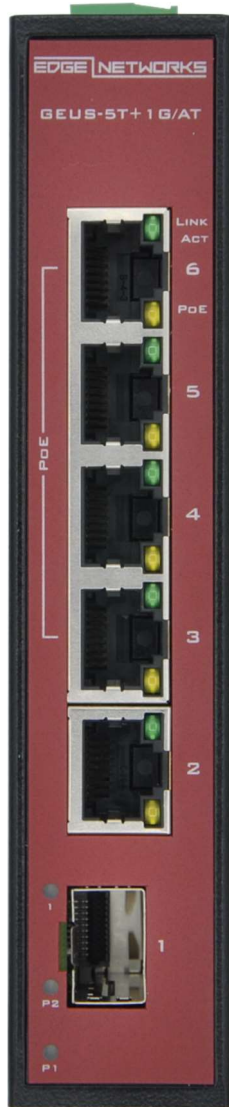


GEUS-5T+1G/AT

Industrial Gigabit Ethernet
Unmanaged Switch with
30W POE



PRODUCT OVERVIEW



- 5x Gigabit Ethernet ports
- 1x 1000F(x) SFP Slot
- 4x IEEE802.3at 30W PoE
- Built for harsh environments and wide temperature range applications
- DIN Rail Mounting, optional wall mount

ORDERING INFORMATION

PART CODE	DESCRIPTION
GEUS-5T+1G/AT	Gigabit Ethernet Unmanaged Switch 5TX and 1x100/1000 FX ports

RECOMMENDED ACCESSORIES

SFP-GS2L-1313-20	SFP – 1000M, SM, 2 fiber, LC, 1310 nm, 20km
PS48-120W	48V Power Supply 120W

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+

Processing Type	Store and Forward
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SWITCH PROPERTIES

Switch Fabric	12Gbps
MAC Table Size	2K
Packet Buffer	1 Mbits

INTERFACE

RJ45 Port	5x 10/100/1000T(x), auto negotiation speed duplex mode, auto MDI/MDI-X
Fiber Port	1x 1000 SFP Slot
LED Indicators	PWR1, PWR2, Ports: Link (Green) PoE: Output Power
PoE Pin Out	V+, V+, V-, V-, for pin 3, 6, 1, 2, Endspan, MDI Mode A
Power Connector	1x removable 4-contact terminal block, dual redundant inputs

POWER REQUIREMENTS

Operation Voltage	44-57VDC, >50VDC for PoE+ recommended
Power Consumption	<5W
PoE Power Budget	120W
Protection	Overload Current Protected, Reverse Polarity Protected

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)

SPECIFICATIONS (CONTINUED)

MECHANICAL CONSTRUCTION

Enclosure	Aluminum
Protection Class	IP30
Dimensions (WxHxD)	1.13 x 5.50 x 3.85 inches 29 x 140 x 98 mm
Weight	1.54 lbs 0.7kg
Mounting	DIN-Rail Mounting, Optional Wall Mounting Kits

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
MTBF	>100,000 hours
Warranty	5 Years

Notes:

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

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