

POE-63205GIN
Industrial 5-Port Gigabit PoE Extender



Introduction

This PoE extender is equipped with 1 PD input to power up 4 Giga PSE output. It can be used as a standalone PD/PSE PoE injector or to extend PoE distance. It can be cascaded up to 4 units or 500 meters to deliver high power for your end device.

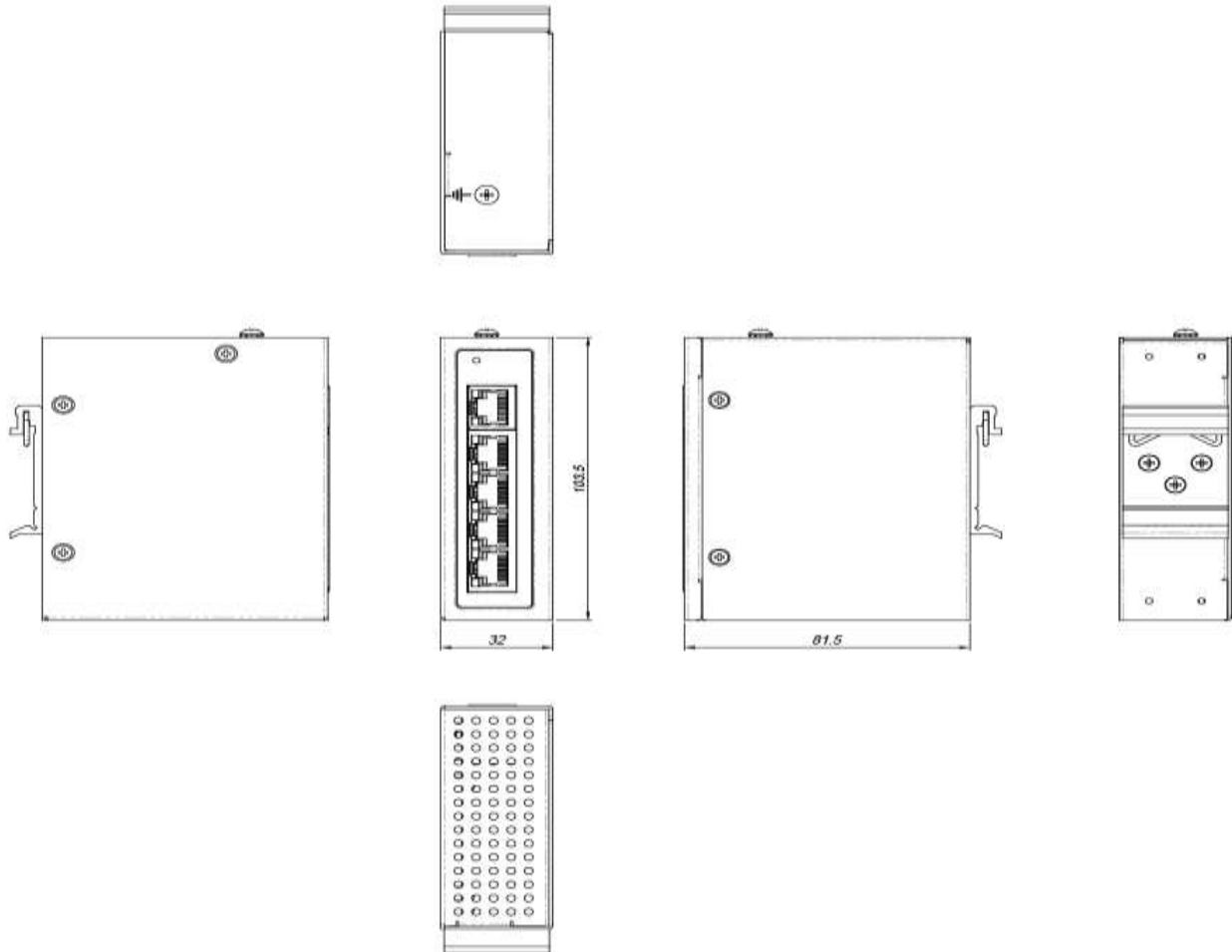
Specification

<p>IEEE Standard</p>	<p>IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet IEEE 802.3x Flow Control and Back Pressure IEEE 802.3af PoE IEEE 802.3at PoE+ IEEE 802.3bt PoE++</p>
<p>Switch Architecture</p>	<p>Back-plane (Switching Fabric): 10Gbps</p>
<p>Data Processing</p>	<p>Store and Forward</p>
<p>Flow Control</p>	<p>IEEE 802.3x Flow Control and Back Pressure</p>

Jumbo Frame	9KB
MAC Address Table Size	2K
Packet Buffer Size	1Mbits
Network Connector	5 x RJ-45 10/100/1000M auto negotiation 1 x RJ-45 10/100/1000M with IEEE802.3bt In 4 x R4-45 10/100/1000M with IEEE802.3at Out Auto MDI/MDI-X function, Full/Half duplex
Network Cable	UTP/STP Cat.5e or above Cable
	EIA/TIA-568 (100m)
Protocol	CSMA/CD
LED	bt (Green): ON – PoE IEEE 802.3bt is detected OFF – PoE IEEE 802.3bt is not detected
	PWR (Amber): ON – Power is detected OFF – Power is not detected
	PoE (Amber): ON – PSE is activated and PD is detected
	LNK/ACT (Green): ON – TX port is detected Flashing – TX data is transmitting/receiving
Reserve Polarity Protection	Present
Overload Current Protection	Present
Power Consumption	3.9W without PoE load
PD Power Input	30W/60W/90W
PoE Power	Maximum total PSE power output 75W (Input: 56VDC, 90W, cable length under 50m)
Operating Temperature	-40°C to 75°C
Operating Humidity	5% to 95% (Non-condensing)
Storage Temperature	-40°C to 85°C
MTBF (mean time between failure)	537,083 hours (Telcordia (Bellcore), GB) at 50°C
Housing	Rugged Metal, IP30 Protection
Case Dimension (L x W x D)	103.5 x 32 x 81.5 mm (L x W x D)
Installation	DIN Rail Mount or Wall Mount
Certifications	
EMC	CE, FCC,
EMI	CISPR 32, FCC Part 15B Class A
EMS	IEC 61000-4-2 ESD: Contact: 6KV; Air: 8KV IEC 61000-4-4 EFT: Power: 2KV; Signal: 2KV IEC 61000-4-5 Surge: Power: 2KV; Signal: 2KV
Vibration	EN 60068-2-6

Shock	EN 60068-2-27
Free Fall	EN 60068-2-32

Housing Dimension (mm)



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