

INJ-C201G-bt-24-T

Industrial Gigabit PoE++ Injector

- 1*10/100/1000Base-T(X) with PoE-PSE (90W/Port) +
1*10/100/1000Base-T(X), Booster Version, 9~55VDC,
EOT: -40°C to 75°C



Features

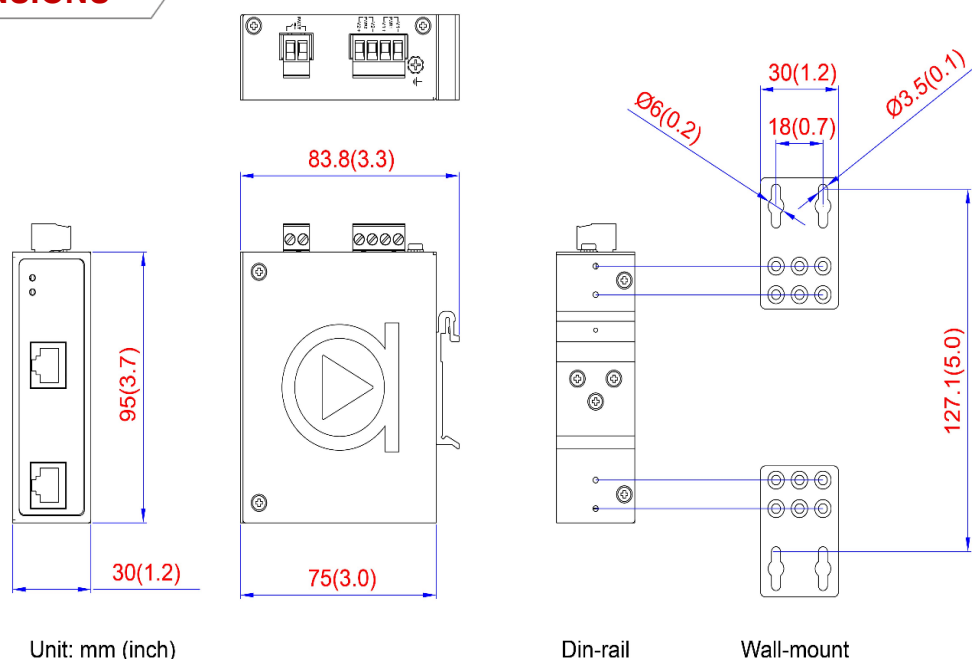
- ▶ Supports 10/100/1000Tx for PoE & Data Out
- ▶ IEEE 802.3af/at/bt Compliant PoE
- ▶ Provide Data and Power over Ethernet to Power Device
- ▶ Provides up to 90 Watts on PoE Port
- ▶ Provided power booster technologies for low voltage power inputs
- ▶ Redundant 9~55VDC power inputs design
- ▶ IP30 Protection
- ▶ Operating Temperature Range – -40°C to 75°C
- ▶ DIN-Rail or Wall Mountable
- ▶ 5-Year Warranty

INTRODUCTION

Antaira Technologies' INJ-C201G-bt-24-T, solve the problem simply by deploying data and power from non-PoE switch and power input to the PD device. PoE injector is a brilliant low-cost solution for the case that only one side of devices is supporting PoE function. Therefore, INJ-C201G-bt-24-T will be your best choice to deal with the lack of PoE function cases.

INJ-C201G-bt-24-T support low voltage 9VDC model with power booster technology, ensuring full 90W PoE output, for better usage in the automation industry. INJ-C201G-bt-24-T with fan-less design, besides extending surely apply to various industrial application, it works perfectly in polarized temperature from -40°C to 75°C, and undoubtedly becomes your best option in the industrial market.

DIMENSIONS



SPECIFICATIONS

Technology		Power Requirement	
Standards	IEEE 802.3 10BaseT Ethernet	Input Voltage	9~55VDC Redundant Input
	IEEE 802.3u 100BaseTX Fast Ethernet	Power Connection	1 removable 4-contact terminal block
	IEEE 802.3ab 1000BaseT(X)	Relay Contact	24VDC, 1A resistive
	IEEE 802.3af/at/bt Power over Ethernet	Reverse Polarity Protection	Present
Switch Properties		Overload Current Protection	Present
Transfer Rate	14,880pps for Ethernet Port	PoE Pin Assignment	V-, V-, V+, V+, for pin 1, 2, 3, 6; V+, V+, V-, V-, for pin 4, 5, 7, 8 *Support Modes: Mode A, Mode B, 4-Pair Mode
	148,800pps for Fast Ethernet Port		
	1,488,000pps for Gigabit Ethernet Port		
Interface		PoE Power Budget	60W@9VDC 90W@12-55VDC
Ethernet Port	2*10/100/1000BaseT(X) (1*Data IN, 1*PoE OUT)	System Power Consumption	1.6W
LED Indicators	Power, PoE	Environmental Limits	
Mechanical Characteristics		Operating Temperature	-40°C to 75°C
Housing	Metal, IP30 protection	Storage Temperature	-40°C to 85°C
Dimensions	30 x 95 x 75 mm (W x H x D)	Ambient Relative Humidity	5 to 95%, (non-condensing)
Weight	Unit: 0.79 lb. Shipping: 1.14 lbs.	Regulatory Approvals	
Mounting	DIN-Rail Mounting, Wall Mounting	EMI	FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A
Protection		EMS	CE EN55035/EN61000-6-2, IEC61000-4-2,3,4,5,6,8
Network Cable	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m)	Free Fall	IEC60068-2-32
	100Base-TX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m)	Shock	IEC60068-2-27
NOTE: The total length from the device A through the Injector to the device B must not exceed 100 meters		Vibration	IEC60068-2-6
		Green	RoHS Compliant
		Certifications	FCC, CE, UL 61010-1, UL 61010-2-201
		Compliance	NEMA TS1/TS2
		Warranty	5 Years

ORDERING INFO

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Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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