

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

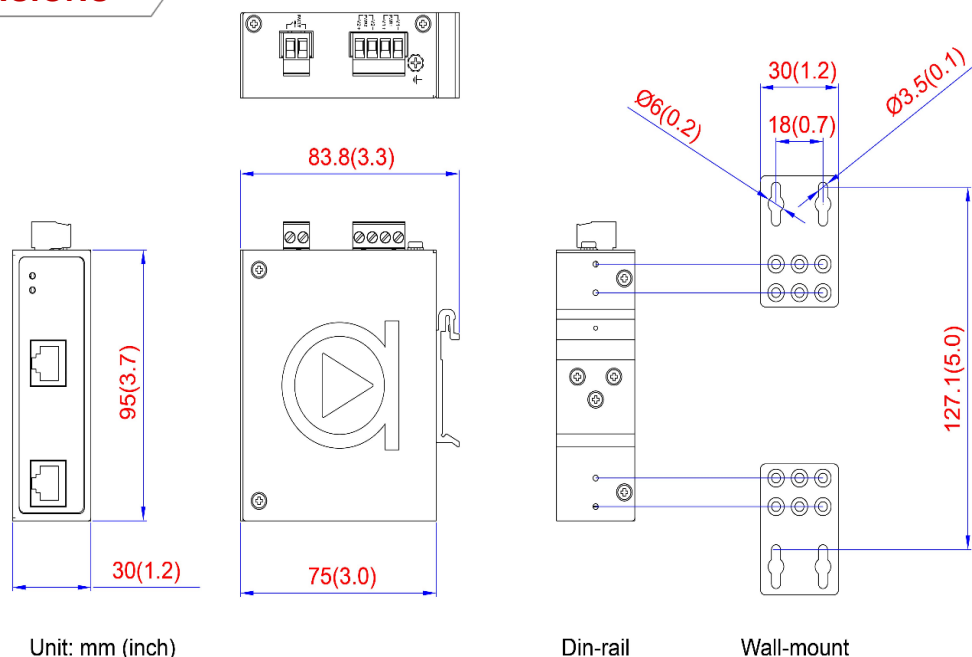
- ▶ Supports 10/100/1000Tx for PoE & Data Out
- ▶ IEEE 802.3af/at/bt Compliant PoE
- ▶ Provide Data and Power over Ethernet to Power Device
- ▶ Provides up to 90 Watts on PoE Port
- ▶ Provided power booster technologies for low voltage power inputs
- ▶ Redundant 9~55VDC power inputs design
- ▶ IP30 Protection
- ▶ 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 IEEE 802.3u 100BaseTX Fast Ethernet IEEE 802.3ab 1000BaseT(X) IEEE 802.3af/at/bt Power over Ethernet	Input Voltage	9~55VDC Redundant Input
Switch Properties		Power Connection	1 removable 4-contact terminal block
Transfer Rate	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port	Relay Contact	24VDC, 1A resistive
Interface		Reverse Polarity Protection	Present
Ethernet Port	2*10/100/1000BaseT(X) (1*Data IN, 1*PoE OUT)	Overload Current Protection	Present
LED Indicators	Power, PoE	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
Mechanical Characteristics		PoE Power Budget	60W@9VDC 90W@12-55VDC
Housing	Metal, IP30 protection	System Power Consumption	1.6W
Dimensions	30 x 95 x 75 mm (W x H x D)	Environmental Limits	
Weight	Unit: 0.79 lb. Shipping: 1.14 lbs.	Operating Temperature	-40°C to 75°C
Mounting	DIN-Rail Mounting, Wall Mounting	Storage Temperature	-40°C to 85°C
Protection		Ambient Relative Humidity	5 to 95%, (non-condensing)
Network Cable	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m) 100Base-TX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m) 1000Base-TX: 4-pair UTP/STP Cat.5/5E cable; EIA/TIA-568 100-ohm (100m)	Regulatory Approvals	
	NOTE: The total length from the device A through the Injector to the device B must not exceed 100 meters	EMI	FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A
		EMS	CE EN55035/EN61000-6-2, IEC61000-4-2,3,4,5,6,8
		Free Fall	IEC60068-2-32
		Shock	IEC60068-2-27
		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

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
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US

sales@assured-systems.com

Sales: +1 347 719 4508
Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050
Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28
Business Registration Number: 07699660