

INJ-C201G-bt-T

Industrial Gigabit PoE++ Injector
- 1*10/100/1000Base-T(X) with PoE-PSE (90W/Port) +
1*10/100/1000Base-T(X), EOT: -40°C to 75°C



Features

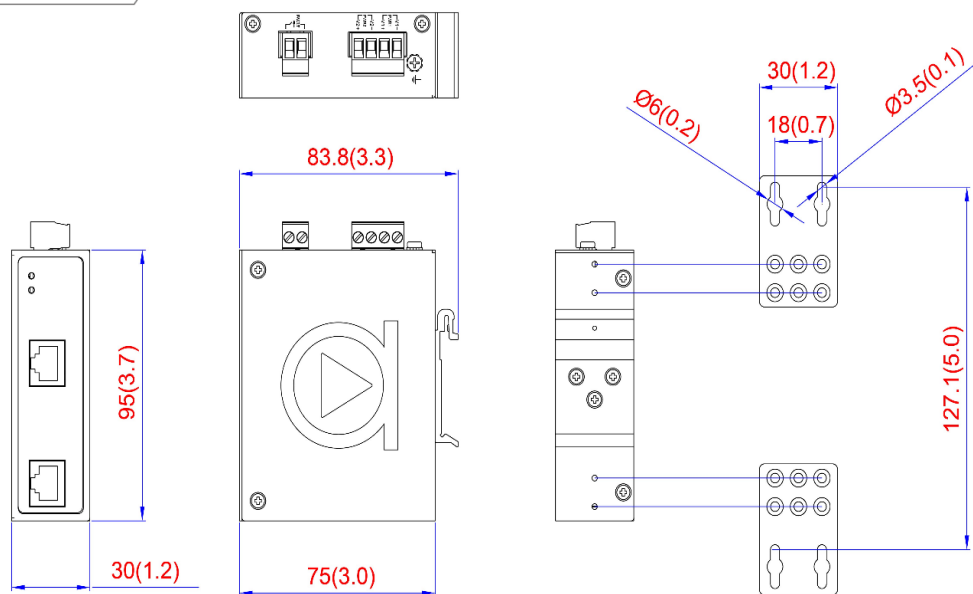
- ▶ Supports 10/100/1000Tx for PoE & Data Out
- ▶ IEEE 802.3af/at/bt Compliant PoE
- ▶ Provide Data and Power over Ethernet to Power Device
- ▶ Provides up to 90 Watts on PoE Port
- ▶ Redundant 48-55VDC power inputs design
- ▶ IP30 Protection
- ▶ Operating Temperature Range – -40°C to 75°C
- ▶ DIN-Rail or Wall Mountable
- ▶ 5-Year Warranty

INTRODUCTION

Antaira Technologies' INJ-C201G-bt-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-T will be your best choice to deal with the lack of PoE function cases.

Additionally, INJ-C201G-bt-T supports power input from 48VDC to 55VDC, ensuring full 90W PoE output, in compliance with IEEE 802.3bt standard for better usage in various industrial markets, like automation, surveillance and vehicle industry. Besides that, with fan-less design, this model series also works perfectly in polarized temperature from -40~75°C, and undoubtedly becomes your best option in the harsh environment.

DIMENSIONS



Unit: mm (inch)

Din-rail

Wall-mount

SPECIFICATIONS

Technology	IEEE 802.3 10BaseT Ethernet	Power Requirement	48-55VDC Redundant Input
Standards	IEEE 802.3u 100BaseTX Fast Ethernet IEEE 802.3ab 1000BaseT(X) IEEE 802.3af/at/bt Power over Ethernet	Input Voltage	(53~55VDC power input for BT PoE PSE)
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	90Watts
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: 0.77 lb. Shipping: 1.12 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) NOTE: The total length from the device A through the injector to the device B must not exceed 100 meters	Regulatory Approvals	
		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-T	Industrial Gigabit PoE++ Injector - 1*10/100/1000Base-T(X) with PoE-PSE (90W/Port) + 1*10/100/1000Base-T(X), 48-55VDC, EOT: -40°C to 75°C
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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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