

INJ-C201G-bt-100-T

Industrial Gigabit Enhanced PoE++ Injector
- 1*10/100/1000Base-T(X) with Enhanced PoE-PSE
(100W/Port) + 1*10/100/1000Base-T(X), 48-55VDC,
EOT: -40°C to 75°C



Features

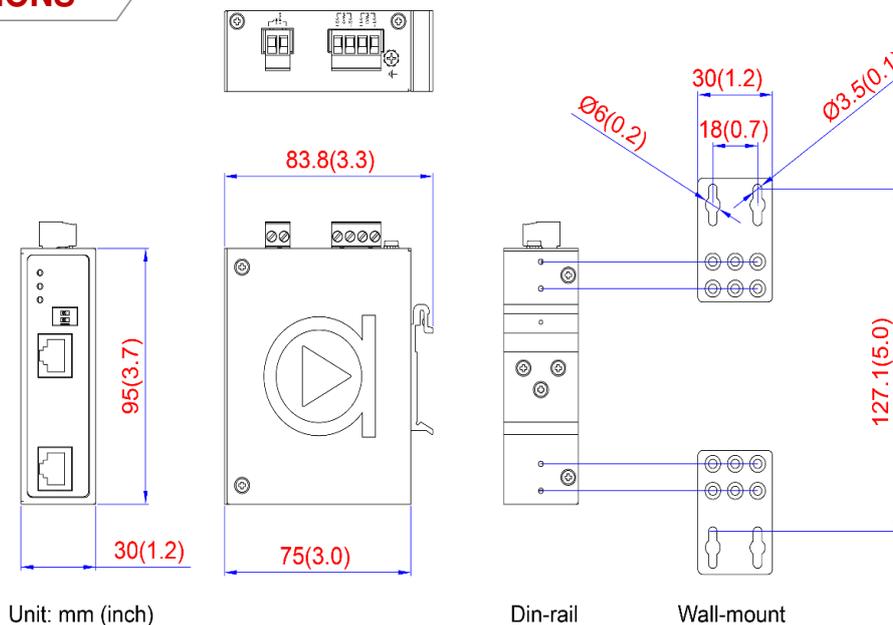
- ▶ Supports 10/100/1000Tx for PoE & Data Out
- ▶ IEEE 802.3af/at/bt Compliant PoE
- ▶ Provide Data and Power over Ethernet to Power Device
- ▶ Provides up to 100 Watts on PoE Port
- ▶ Redundant 48~55VDC power inputs design
- ▶ IP30 Protection
- ▶ Dip-switch setting for PoE mode and dual PD check
- ▶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

INTRODUCTION

Antaira Technologies' INJ-C201G-bt-100-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-100-T will be your best choice to deal with the lack of PoE function cases.

Additionally, INJ-C201G-bt-100-T supports power input from 48VDC to 55VDC, ensuring full 90W PoE output, in compliance with IEEE 802.3bt standard, for better usage in the automation industry. Moreover, for some special application which eagers for more PoE power from the PSE device, this model also supports Enhanced PoE mode to offer up to 100W to the powered device. INJ-C201G-bt-100-T with fan-less design, besides extending surely apply to various industrial applications, 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	48~55VDC Redundant Input
Switch Properties		Power Connection	1 removable 4-contact and 2-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
DIP Switch	DIP Switch 1: PoE Mode On - Enhanced / Off (default) - Standard DIP Switch 2: Dual PD Check On - Enable / Off (default) - Disable	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
LED Indicators	Power, PoE	PoE Power Budget	100Watts
Mechanical Characteristics		System Power Consumption	1.6W
Housing	Metal, IP30 protection	Environmental Limits	
Dimensions	30 x 95 x 75 mm (W x H x D)	Operating Temperature	-40°C to 75°C
Weight	Unit: 0.80 lb. Shipping: 1.14 lbs.	Storage Temperature	-40°C to 85°C
Mounting	DIN-Rail Mounting, Wall Mounting	Ambient Relative Humidity	5 to 95%, (non-condensing)
Protection		Regulatory Approvals	
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	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-100-T Industrial Gigabit Enhanced PoE++ Injector - 1*10/100/1000Base-T(X) with Enhanced PoE-PSE (100W/Port) + 1*10/100/1000Base-T(X), 48-55VDC, EOT: -40°C to 75°C

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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