

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

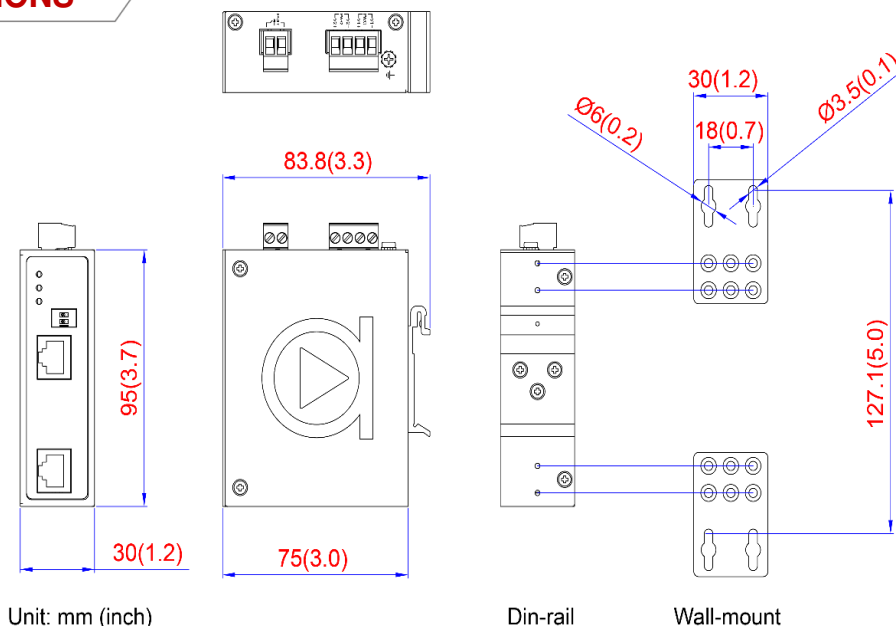
- ▶ Supports 10/100/1000Tx for PoE & Data Out
- ▶ IEEE 802.3af/at/bt Compliant PoE
- ▶ Provide Data and Power over Ethernet to Power Device
- ▶ Provides up to 100 Watts on PoE Port
- ▶ Redundant 48~55VDC power inputs design
- ▶ IP30 Protection
- ▶ Dip-switch setting for PoE mode and dual PD check
- ▶ 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	Input Voltage	48~55VDC Redundant Input
	IEEE 802.3u 100BaseTX Fast Ethernet	Power Connection	1 removable 4-contact and 2-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	PoE Power Budget	100Watts
	1,488,000pps for Gigabit Ethernet Port	System Power Consumption	1.6W
Interface		Environmental Limits	
Ethernet Port	2*10/100/1000BaseT(X) (1*Data IN, 1*PoE OUT)	Operating Temperature	-40°C to 75°C
DIP Switch	DIP Switch 1: PoE Mode	Storage Temperature	-40°C to 85°C
	On - Enhanced / Off (default) - Standard	Ambient Relative Humidity	5 to 95%, (non-condensing)
	DIP Switch 2: Dual PD Check	Regulatory Approvals	
LED Indicators	On - Enable / Off (default) - Disable	EMI	FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A
	Power, PoE	EMS	CE EN55035/EN61000-6-2, IEC61000-4-2,3,4,5,6,8
Mechanical Characteristics		Free Fall	IEC60068-2-32
Housing	Metal, IP30 protection	Shock	IEC60068-2-27
Dimensions	30 x 95 x 75 mm (W x H x D)	Vibration	IEC60068-2-6
Weight	Unit: 0.80 lb. Shipping: 1.14 lbs.	Green	RoHS Compliant
Mounting	DIN-Rail Mounting, Wall Mounting	Certifications	FCC, CE, UL 61010-1, UL 61010-2-201
Protection		Compliance	NEMA TS1/TS2
Network Cable	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable	Warranty	5 Years
	EIA/TIA-568 100-ohm (100m)		
	100Base-TX: 2-pair UTP/STP Cat. 5 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			

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
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