

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

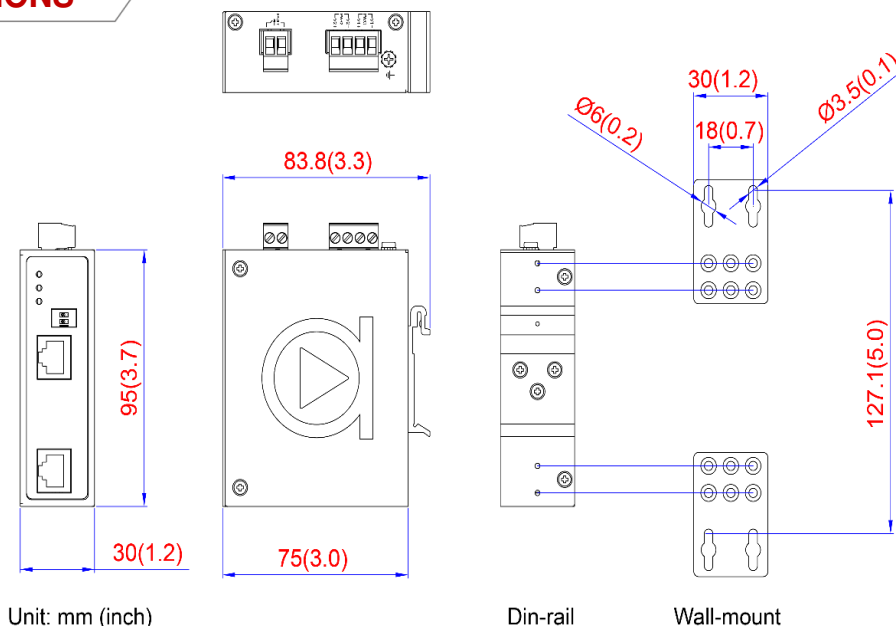
- ▶ Supports 10/100/1000Tx for PoE & Data Out
- ▶ IEEE 802.3af/at/bt Compliant PoE
- ▶ Provide Data and Power over Ethernet to Power Device
- ▶ Provides up to 100 Watts on PoE Port
- ▶ Redundant 48~55VDC power inputs design
- ▶ IP30 Protection
- ▶ Dip-switch setting for PoE mode and dual PD check
- ▶ 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	
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
Switch Properties	
Transfer Rate	14,880pps for Ethernet Port
	148,800pps for Fast Ethernet Port
	1,488,000pps for Gigabit Ethernet Port
Interface	
Ethernet Port	2*10/100/1000BaseT(X) (1*Data IN, 1*PoE OUT)
DIP Switch	DIP Switch 1: PoE Mode On - Enhanced / Off (default) - Standard
	DIP Switch 2: Dual PD Check On - Enable / Off (default) - Disable
LED Indicators	Power, PoE
Mechanical Characteristics	
Housing	Metal, IP30 protection
Dimensions	30 x 95 x 75 mm (W x H x D)
Weight	Unit: 0.80 lb. Shipping: 1.14 lbs.
Mounting	DIN-Rail Mounting, Wall Mounting
Protection	
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	

Power Requirement	
Input Voltage	48~55VDC Redundant Input
Power Connection	1 removable 4-contact and 2-contact terminal block
Relay Contact	24VDC, 1A resistive
Reverse Polarity Protection	Present
Overload Current Protection	Present
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
PoE Power Budget	100Watts
System Power Consumption	1.6W
Environmental Limits	
Operating Temperature	-40°C to 75°C
Storage Temperature	-40°C to 85°C
Ambient Relative Humidity	5 to 95%, (non-condensing)
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

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