

INJ-C201G-bt-100-24-T

Industrial Gigabit Enhanced PoE++ Injector
- 1*10/100/1000Base-T(X) with Enhanced PoE-PSE
(100W/Port) + 1*10/100/1000Base-T(X), Booster Version,
9~55VDC, EOT: -40°C to 75°C



Features

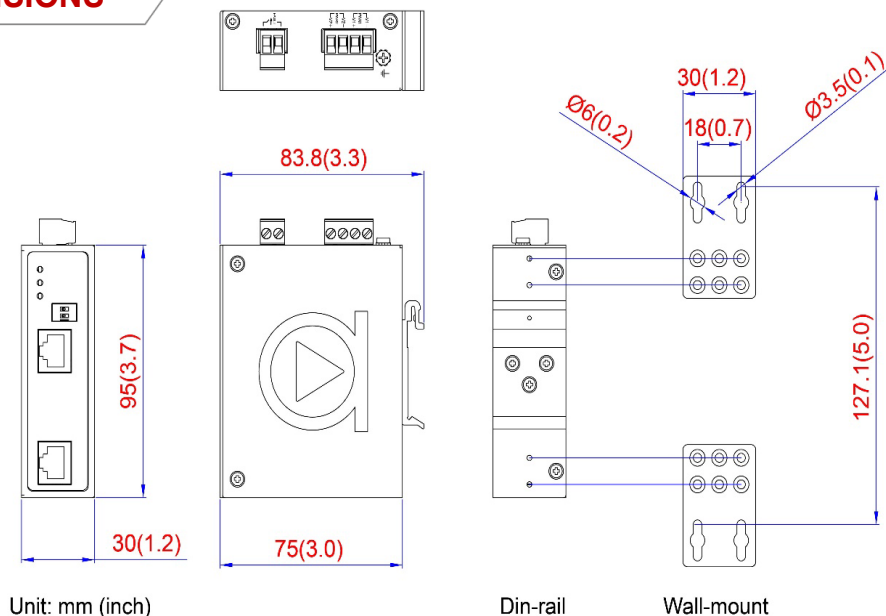
- ▶ Supports 10/100/1000Tx for PoE & Data Out
- ▶ IEEE 802.3af/at/bt Compliant PoE
- ▶ Provide Data and Power over Ethernet to Power Device
- ▶ Provides up to 100 Watts on PoE Port
- ▶ Provided power booster technologies for low voltage power inputs
- ▶ Redundant 9~55VDC power inputs design
- ▶ Dip-switch setting for PoE mode and dual PD check
- ▶ IP30 Protection
- ▶ Operating Temperature Range – -40°C to 75°C
- ▶ DIN-Rail or Wall Mountable
- ▶ 5-Year Warranty

INTRODUCTION

Antaira Technologies' INJ-C201G-bt-100-24-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-100-24-T will be your best choice to deal with the lack of PoE function cases.

INJ-C201G-bt-100-24-T support low voltage 9VDC model with power booster technology, ensuring full 90W PoE output, 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-100-24-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	Input Voltage	9~55VDC Redundant Input (53~55VDC power input for BT PoE PSE)		
	IEEE 802.3u 100BaseTX Fast Ethernet				
	IEEE 802.3ab 1000BaseT(X)				
	IEEE 802.3af/at/bt Power over Ethernet				
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				
Interface		Relay Contact	24VDC, 1A resistive		
Ethernet Port	2*10/100/1000BaseT(X) (1*Data IN, 1*PoE OUT)				
	DIP Switch 1: PoE Mode On - Enhanced / Off (default) - Standard				
DIP Switch	DIP Switch 2: Dual PD Check On - Enable / Off (default) - Disable				
	LED Indicators	Power, PoE, PoE Load	Reverse Polarity Protection	Present	
Mechanical Characteristics		Overload Current Protection			Present
Housing	Metal, IP30 protection				
Dimensions	30 x 95 x 75 mm (W x H x D)				
Weight	Unit: 0.82 lb. Shipping: 1.16 lbs.				
Mounting	DIN-Rail Mounting, Wall Mounting	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		
Protection				PoE Power Budget	60W@9VDC, 90W@12VDC, 100W@24-55VDC
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				
		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, 61010-2-201		
		Compliance	NEMA TS1/TS2		
		Warranty	5 Years		

ORDERING INFO

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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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