

## INJ-C201G-bt-H-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

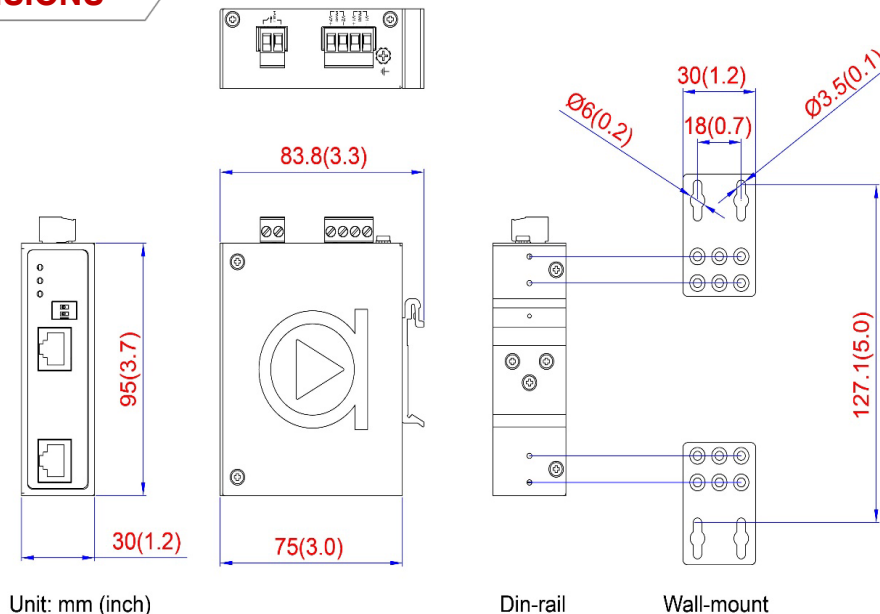
- ▶ Supports 10/100/1000Tx for PoE & Data Out
- ▶ IEEE 802.3af/at/bt Compliant PoE
- ▶ Provides Data and Power over Ethernet to Power Device
- ▶ Provides up to 100 Watts on PoE Port
- ▶ Provides power booster technology for lowvoltage power inputs
- ▶ Redundant 9~55VDC power inputs design
- ▶ Dip-switch 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-H-100-24-T PoE injector is the solution for deploying data and power for a non-PoE switch to an end PD device. This PoE injector is a brilliant low-cost solution when the application requires PoE from a non-PoE data source.

INJ-C201G-bt-H-100-24-T support low voltage 9VDC model with power booster technology, ensuring full 90W PoE output from 12VDC power input, for better usage in the transportation and automation industry. Moreover, for special application which require more PoE power from the PSE device, this model also supports Enhanced PoE mode to offer up to 100W to the powered device from a low 24VDC input. INJ-C201G-bt-H-100-24-T with fan-less design boosts PoE for powering high-power devices and is designed for use in multiple applications. It works perfectly in wide temperature from -40°C to 75°C, and undoubtedly is your best option in the industrial market.

### DIMENSIONS



## SPECIFICATIONS

<b>Technology</b>		<b>Power Requirement</b>	
<b>Standards</b>	IEEE 802.3 10BaseT Ethernet	<b>Input Voltage</b>	9~55VDC Redundant Input
	IEEE 802.3u 100BaseTX Fast Ethernet IEEE 802.3ab 1000BaseT(X)		(53~55VDC power input for BT PoE PSE) (DC to AC power supply sold separately)
<b>Switch Properties</b>	IEEE 802.3af/at/bt Compliant PoE (Supports Bosch 7k & 9k Series MIC +/- Illuminator)	<b>Power Connection</b>	1 removable 4-contact terminal block
	<b>Transfer Rate</b>	<b>Relay Contact</b>	24VDC, 1A resistive
<b>Interface</b>	14,880pps for Ethernet Port	<b>Reverse Polarity Protection</b>	Present
	148,800pps for Fast Ethernet Port	<b>Overload Current Protection</b>	Present
<b>Ethernet Port</b>	1,488,000pps for Gigabit Ethernet Port	<b>PoE Pin Assignment</b>	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
	<b>DIP Switch</b>	<b>PoE Power Budget</b>	60W@9VDC, 90W@12VDC, 100W@24-55VDC
<b>LED Indicators</b>	Power, PoE, PoE Load	<b>System Power Consumption</b>	1.6W
	<b>Mechanical Characteristics</b>	<b>Environmental Limits</b>	
<b>Housing</b>	Metal, IP30 protection	<b>Operating Temperature</b>	-40°C to 75°C
<b>Dimensions</b>	30 x 95 x 75 mm (W x H x D)	<b>Storage Temperature</b>	-40°C to 85°C
<b>Weight</b>	Unit: 0.82 lb. Shipping: 1.16 lbs.	<b>Ambient Relative Humidity</b>	5 to 95%, (non-condensing)
<b>Mounting</b>	DIN-Rail Mounting, Wall Mounting	<b>Regulatory Approvals</b>	
<b>Protection</b>		<b>EMI</b>	FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A
<b>Network Cable</b>	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m)	<b>EMS</b>	CE EN55035/EN61000-6-2, IEC61000-4-2,3,4,5,6,8
	100Base-TX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m)	<b>Free Fall</b>	IEC60068-2-32
	1000Base-TX: 4-pair UTP/STP Cat.5/5E cable; EIA/TIA-568 100-ohm (100m)	<b>Shock</b>	IEC60068-2-27
	<b>NOTE: The total length from the device A through the injector to the device B must not exceed 100 meters</b>	<b>Vibration</b>	IEC60068-2-6
		<b>Green</b>	RoHS Compliant
		<b>Certifications</b>	FCC, CE
		<b>Compliance</b>	NEMA TS1/TS2
		<b>Warranty</b>	5 Years

## ORDERING INFO

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