

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

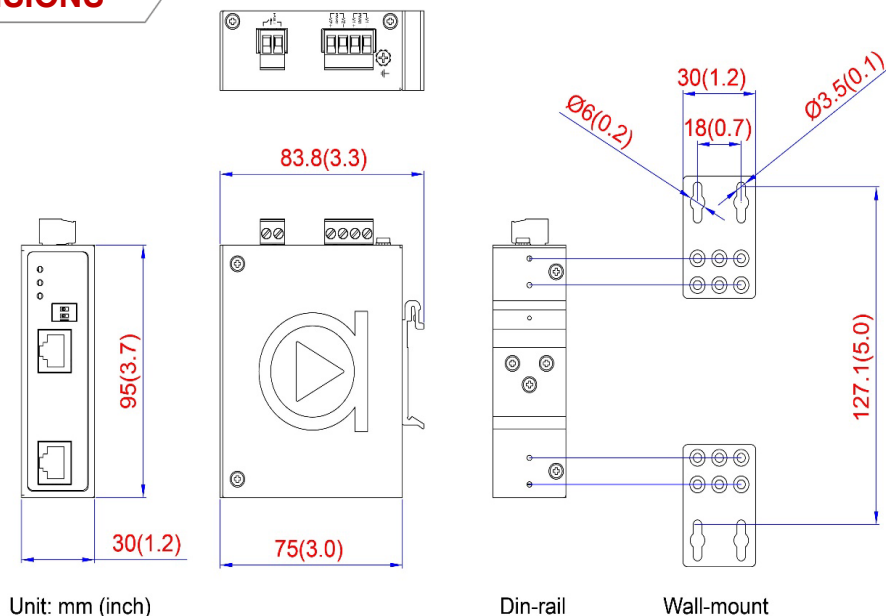
- ▶ Supports 10/100/1000Tx for PoE & Data Out
- ▶ IEEE 802.3af/at/bt Compliant PoE
- ▶ Provides Data and Power over Ethernet to Power Device
- ▶ Provides up to 100 Watts on PoE Port
- ▶ Provides power booster technology for lowvoltage power inputs
- ▶ Redundant 9~55VDC power inputs design
- ▶ Dip-switch 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

Technology		Power Requirement	
Standards	IEEE 802.3 10BaseT Ethernet	Input Voltage	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)
	IEEE 802.3af/at/bt Compliant PoE (Supports Bosch 7k & 9k Series MIC +/- Illuminator)	Power Connection	1 removable 4-contact terminal block
Switch Properties		Relay Contact	24VDC, 1A resistive
Transfer Rate	14,880pps for Ethernet Port	Reverse Polarity Protection	Present
	148,800pps for Fast Ethernet Port	Overload Current Protection	Present
	1,488,000pps for Gigabit 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
Interface		PoE Power Budget	60W@9VDC, 90W@12VDC, 100W@24-55VDC
Ethernet Port	2*10/100/1000BaseT(X) (1*Data IN, 1*PoE OUT)	System Power Consumption	1.6W
DIP Switch	DIP Switch 1: PoE Mode On - Enhanced / Off (default) - Standard DIP Switch 2: Dual PD Check On - Enable / Off (default) - Disable	Environmental Limits	
LED Indicators	Power, PoE, PoE Load	Operating Temperature	-40°C to 75°C
Mechanical Characteristics		Storage Temperature	-40°C to 85°C
Housing	Metal, IP30 protection	Ambient Relative Humidity	5 to 95%, (non-condensing)
Dimensions	30 x 95 x 75 mm (W x H x D)	Regulatory Approvals	
Weight	Unit: 0.82 lb. Shipping: 1.16 lbs.	EMI	FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A
Mounting	DIN-Rail Mounting, Wall Mounting	EMS	CE EN55035/EN61000-6-2, IEC61000-4-2,3,4,5,6,8
Protection		Free Fall	IEC60068-2-32
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)	Shock	IEC60068-2-27
	NOTE: The total length from the device A through the Injector to the device B must not exceed 100 meters	Vibration	IEC60068-2-6
		Green	RoHS Compliant
		Certifications	FCC, CE
		Compliance	NEMA TS1/TS2
		Warranty	5 Years

ORDERING INFO

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
-------------------------	--

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.

US

sales@assured-systems.com

Sales: +1 347 719 4508

Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050

Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28

Business Registration Number: 07699660