

INJ-C201G-bt-100-T

INDUSTRIAL GIGABIT ENHANCED POE++ INJECTOR

INJ-C201G-bt-100-24-T

INDUSTRIAL GIGABIT ENHANCED POE++ INJECTOR WITH LOW POWER INPUT



FEATURES

- Supports 10/100/1000T for PoE & Data Out
- IEEE 802.3af/at/bt PoE++ Compliant
- Provide Data and Power over Ethernet to Power Device
- Provides Up to 100 Watts on PoE Port
- Redundant 48~55VDC Power Inputs Design
- Provided Power Booster Technologies for Low Voltage Power Inputs (~24 Model Only)
- Redundant 9~55VDC Power Inputs Design (~24 Model Only)
- IP30 Protection
- DIP-Switch Setting for PoE Mode and Dual PD Check
- Operating Temperature - EOT: -40°C to 75°C
- DIN-Rail or Wall Mountable
- 5-Year Warranty



INTRODUCTION

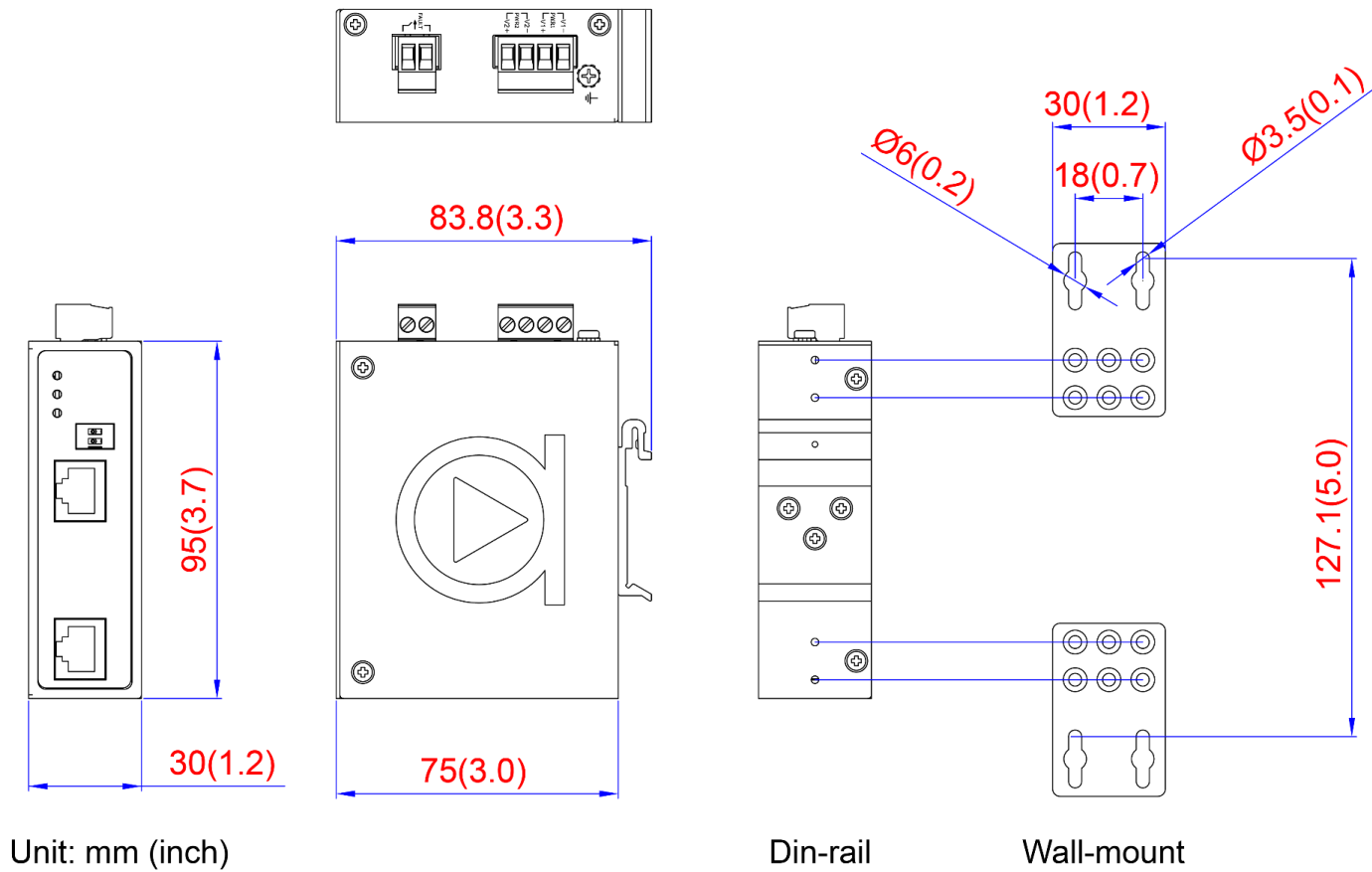
Antaira Technologies' INJ-C201G-bt-100(-24)-T, solves the problem simply by deploying data and power from non-PoE switch and power input to the PD device. PoE injector is a brilliant low-cost solution for the case that only one side of devices is supporting PoE function. Therefore, INJ-C201G-bt-100-T 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 (9VDC to 55VDC with power booster technology for INJ-C201G-bt-100-24-T), ensuring full 90W PoE output, in compliance with IEEE 802.3bt standard, for better usage in the automation industry. Moreover, for some special applications which are eager 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 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.

SPECIFICATIONS

Hardware Specifications							
Part Number	Total Ports	RJ-45 GE	90W PoE++	PoE Power Budget	System Power	Input Voltage	Operating Temp.
INJ-C201G-bt-100-T	2	2	1	100W	1.6W	48~55VDC	-40 to 75°C -40 to 167°F
INJ-C201G-bt-100-24-T	2	2	1	60W@9VDC 90W@12VDC 100W@24~55VDC	1.6W	9~55VDC	-40 to 75°C -40 to 167°F

Physical Specifications							
Part Number	Dimensions (W x H x D)	Weight (Unit)	Weight (Shipping)	Mounting	Housing	PoE LED Indicator	PoE Pin Assignment
INJ-C201G-bt-100-T	30 x 95 x 75mm 1.2 x 3.7 x 3.0in	0.36kg 0.80lb	0.52kg 1.14lb	DIN-Rail Wall Mount	Metal, IP30	Yes	V-, V-, V+, V+, for pin 1, 2, 3, 6 V+, V+, V-, V-, for pin 4, 5, 7, 8 (Mode A, Mode B, 4-Pair Mode)
INJ-C201G-bt-100-24-T	30 x 95 x 75mm 1.2 x 3.7 x 3.0in	0.37kg 0.82lb	0.53kg 1.16lb	DIN-Rail Wall Mount	Metal, IP30	Yes	V-, V-, V+, V+, for pin 1, 2, 3, 6 V+, V+, V-, V-, for pin 4, 5, 7, 8 (Mode A, Mode B, 4-Pair Mode)



Standards	
Part Number	IEEE Standards
INJ-C201G-bt-100-T INJ-C201G-bt-100-24-T	IEEE 802.3 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet IEEE 802.3ab 1000BASE-T Gigabit Ethernet IEEE 802.3af/at/bt Power over Ethernet

Switch Properties			
Specification		Specification	
Transfer Rate	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port	Overload Current Protection	Present
Relay Contact	24VDC, 1A resistive	Reverse Polarity Protection	Present

Compliance Specifications	
EMI	FCC Part 15 Subpart B Class A CE EN 55032/EN 61000-6-4 Class A
EMS	CE EN 55035/EN 61000-6-2 Class A: IEC 61000-4-2,3,4,5,6,8
Free Fall	IEC 60068-2-32
Shock	IEC 60068-2-27
Vibration	IEC 60068-2-6
Green	RoHS Compliant
Certifications	FCC, CE, UL 61010-1, UL 61010-2-201
Storage Environment	Storage Temperature: -40 to 85°C
Humidity	Ambient Relative Humidity 5% to 95%, (non-condensing)
Warranty	5 Years

ORDERING INFORMATION

PoE Injector Models	
Part Number	Description
INJ-C201G-bt-100-T	Industrial Gigabit Enhanced PoE++ Injector - 1*10/100/1000BASE-T with Enhanced PoE-PSE (100W/Port) + 1*10/100/1000BASE-T, 48-55VDC, EOT: -40°C to 75°C
INJ-C201G-bt-100-24-T	Industrial Gigabit Enhanced PoE++ Injector - 1*10/100/1000BASE-T with Enhanced PoE-PSE (100W/Port) + 1*10/100/1000BASE-T, Booster Version, 9-55VDC, EOT: -40°C to 75°C

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 Specifications are subject to change without notice and without incurring any obligation.