

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

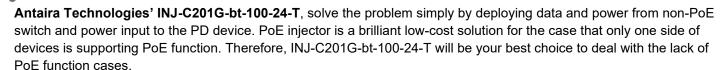




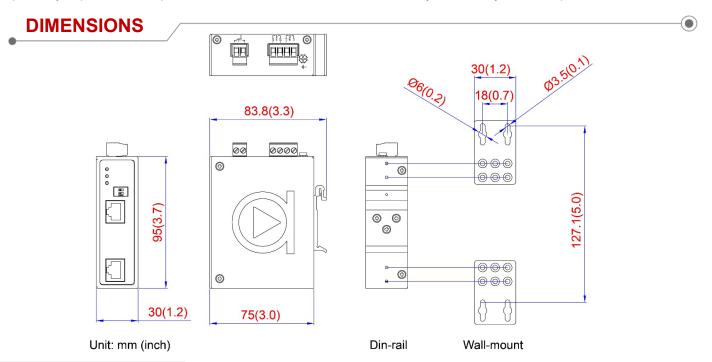
Features

- ► 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



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.





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, PoE Load	
Mechanical Characteristics		
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	
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	9~55VDC Redundant Input (53~55VDC power input for BT PoE PSE)
Power Connection	1 removable 4-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	60W@9VDC, 90W@12VDC, 100W@24-55VDC
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	
ЕМІ	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

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