

INJ-C201G-at-24(-T)

INDUSTRIAL GIGABIT 30W POE+ INJECTOR WITH BOOSTER POWER INPUT



FEATURES

- Supports 10/100/1000BASE-T for PoE & Data Out
- IEEE 802.3af/at PoE Compliant
- Provide Data and Power over Ethernet to Power Device
- Provides up to 30 Watts on PoE Port
- Allows Power Input of 12~55VDC
- IP30 Protection
- Operating Temperature – STD: -10°C to 65°C,
EOT: -40°C to 75°C
- DIN-Rail or Wall Mountable
- NDAA and TAA Compliant
- 5-Year Warranty

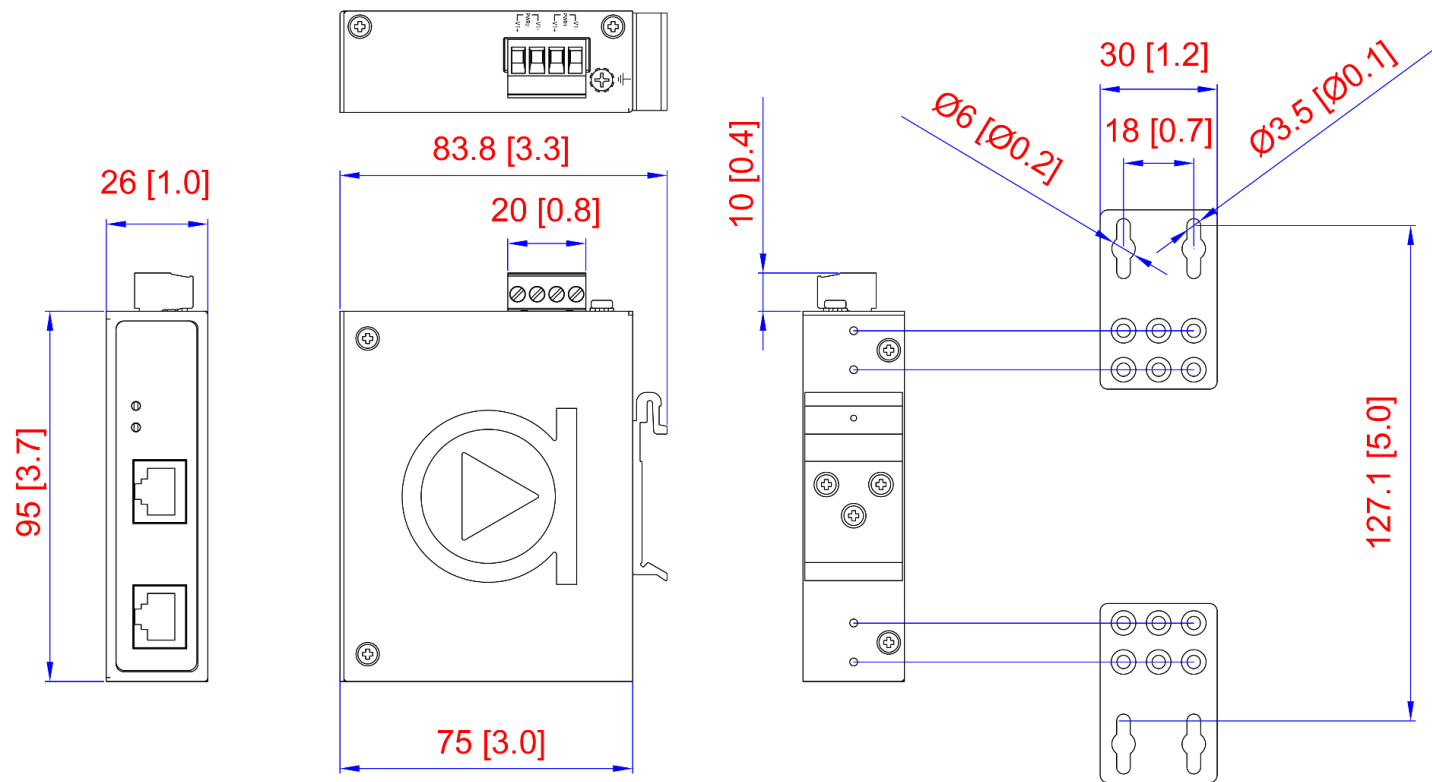


INTRODUCTION

The Antaira Technologies' INJ-C201G-at-24 Series provides a solution for deploying data and power to PD devices from non-PoE switches and power inputs. This PoE injector is a cost-effective solution for scenarios where only one device supports PoE functionality.

The INJ-C201G-at-24 Series supports a 24VDC model with power booster technology, ensuring a full 30W PoE output, particularly useful for applications in the automation industry. The fan-less design of the INJ-C201G-at-24 Series not only extends its lifespan but also makes it suitable for a wide range of industrial applications. Additionally, model INJ-C201G-at-24-T operates in extreme temperatures ranging from -40°C to 75°C, making it a reliable choice for the industrial market.

DIMENSIONS



Unit: mm (inch)

Din-rail

Wall-mount

SPECIFICATIONS

Hardware Specifications							
Part Number	Total Ports	RJ-45 GE	30W PoE+	PoE Power Budget	System Power	Input Voltage	Operating Temp.
INJ-C201G-at-24	2	2	1	30W	1.44W	12-55VDC	-10 to 65°C 14 to 149°F
INJ-C201G-at-24-T	2	2	1	30W	1.44W	12-55VDC	-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-at-24 INJ-C201G-at-24-T	26 x 95 x 75mm 1.02 x 3.74 x 2.95in	0.60lb	1.0lb	DIN-Rail, Wall Mount	Metal, IP30	Yes	V+ for pin 3, 4, 5, 6 V- for pin 1, 2, 7, 8

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

PoE Injector Properties			
Specification		Specification	
Transfer Rate	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port	Reverse Polarity Protection	Present
Power Connection	4-Pin Terminal Block	Overload Current Protection	Present

Compliance Specifications	
EMI	FCC Part 15 Subpart B Class A EN 61000-6-4 Class A CE EN55032
EMS	CE EN 55035 EN 61000-6-2
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 Temperature	-40 to 85°C (-40 to 185°F)
Ambient Relative Humidity	5% to 95%, (non-condensing)
Warranty	5 Years
Compliance	NDAA and TAA Compliant
Country of Origin	Made in Taiwan

ORDERING INFORMATION

PoE Injector Models	
Part Number	Description
INJ-C201G-at-24	Industrial Gigabit PoE+ Injector - 1*10/100/1000BASE-T with PoE-PSE (30W/Port) + 1*10/100/1000BASE-T, Booster Version, 12-55VDC
INJ-C201G-at-24-T	Industrial Gigabit PoE+ Injector - 1*10/100/1000BASE-T with PoE-PSE (30W/Port) + 1*10/100/1000BASE-T, Booster Version, 12-55VDC, EOT: -40°C ~ 75°C

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