

BN-LNK-INJ301 INDUSTRIAL POE+ INJECTOR



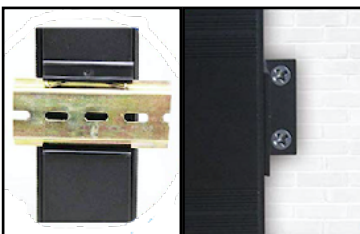
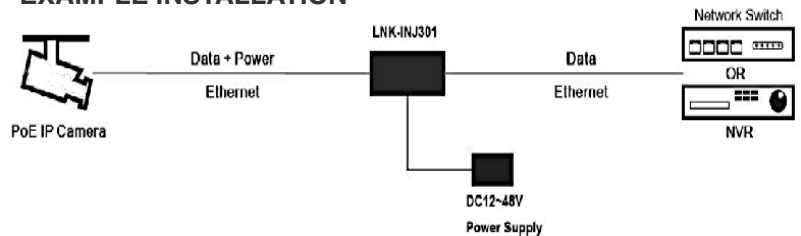
KEY FEATURES

- Wide power input range (12 ~ 48VDC)
- 1 RJ45 Ethernet data input port
- 1 RJ45 Power over ethernet output port (data + power)
- Supports IEEE802.3af/at (PoE+)
- Supports 10/100/1000Base-TX
- DIN-rail & wall-mount installation
- LED indicators for PoE diagnostics
- Wide temperature operation -40°C to 80°C (-40°F to 176°F)
- 5-Year warranty



The BN-LNK-INJ301 is a compact, hardened gigabit high power PoE injector that allows you to connect to IEEE 802.3af/at PoE devices, such as IP cameras, access points with a non PoE switch, routers, etc., up to 100m. Both the input ethernet port and the PoE output port support 10/100/1000Base-T and are compliant with IEEE 802.3ab. The PoE output port is also compliant with IEEE 802.3af/at. The BN-LNK-INJ301 provides an integrated power solution with a wide input voltage range of 12~48VDC.

EXAMPLE INSTALLATION



DIN-rail and wall mount bracket.

Ideally suited for battery powered remote hardware deployments, UAV/UGV and other mobile IP camera applications, industrial camera power/data distribution from 'on rack' installations for machine vision, robot guidance, and much more.

DIMENSIONS



BOCK OPTRONICS INC.

Toronto, Ontario, Canada
Tel: (800) 762-1570 / (416) 674-2804
Fax: (416) 674-1827

Web: bockoptronics.ca
E-mail: sales@bockoptronics.ca

BN-LNK-INJ301 SPECIFICATIONS	
Ethernet, Input	
Standard	IEEE802.3ab, Half-duplex, Full-duplex
Cabling	10/100/1000Base-T, UTP CAT5 or above
Maximum Distance	Up to 100m
Connector	1x RJ45
Ethernet, PoE Output	
Standard	IEEE802.3ab/af/at, Power over Ethernet (PoE), Half-duplex, Full-duplex
Cabling	10/100/1000Base-T, UTP CAT5 or above
Maximum Distance	Up to 100m
Connector	1x RJ45
Power Pin Assignment	4/5 (+), 7/8 (-)
Max. Power on Port	30W Max per port / 600mA Max current
Electrical	
Input Power	12 ~ 48VDC (Terminal Block)
Power Consumption	36W Max.
LED Indicators	Power status, PoE status
Mechanical	
Dimensions (W x D x H)	95 x 70 x 30 mm
Weight	0.25 Kg
Casing	Aluminum
Mounting Options	DIN-Rail, Wall-mount
Environmental	
Operating Temperature	-40°C to 80°C (-40°F to 176°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Relative Humidity	5% to 95%, non-condensing
Surge Protection	RJ45: 1KV
Power	500W
ESD	4KV / 8KV
MTBF	>200,000hrs
Regulatory Approvals	ISO9001, FCC part 15, Class A, EN55022:2006+A1: 2007 Class A

* Do to ongoing improvements, specifications may be subject to change without notice.

ORDERING INFORMATION

Model: **BN-LNK-INJ301**

Standard package includes the BN-LNK-INJ301 30W PoE injector with DIN-rail mount installed, quick start guide, and an included L-shaped wall mount bracket. Power supply is sold separately depending on operational requirements. For more information, please contact Bock Optronics.

2108/Rev. 1.1

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