ET-INJ30

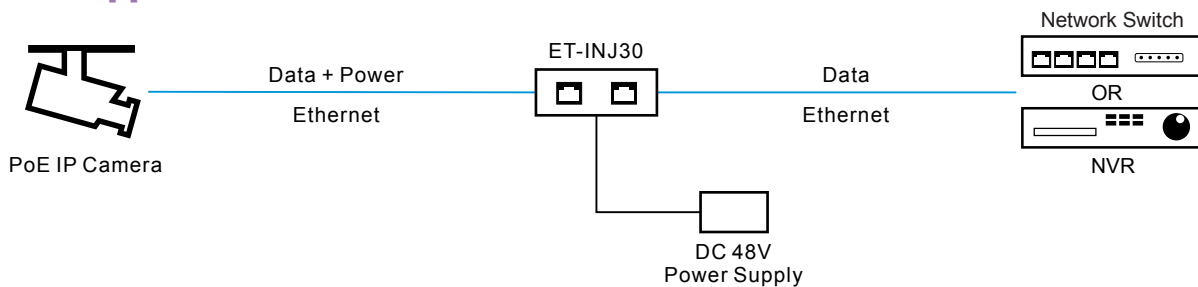**Hardened Gigabit 1-port Ethernet Input + 1-port PoE+ Output Injector**

Features

- ► 1 RJ45 Ethernet Data Input Port + 1 RJ45 Power over Ethernet Output Port (Data + Power)
- ► Support IEEE802.3at Power over Ethernet (PoE+) Power Sourcing Equipment
- ► Support 10/100/1000Base-TX
- ► Support DIN-Rail & Wall-mount installation
- ► Extensive LED indicatiors for PoE diagnostics
- ► Environmentally hardened -40°C to 75°C (-40°F to 167°F) operating temperature

Warranty

- ► 5-Year Warranty

Typical Application

Data + Power Ethernet — PoE IP Camera — ET-INJ30 — Data Ethernet — Network Switch OR NVR

DC 48V Power Supply

Specifications

Ethernet

Standards	IEEE802.3af/at Power of Ethernet
Processing Type	Forward
	Half-duplex, Full duplex
Forward Filter Rate	1,488,000pps (1000Mbps)
Cabling	1000Base-TX: Cat5 or above
Maximum Distance	Cat5 UTP up to 100m
Connector	2 x RJ45

Electrical and Mechanical

Input Power	48~57VDC (Terminal Block)
Power Consumption	35W Max.
LED Indicators	
Power	Power Status
PoE	PoE Status
PoE	
Standard	IEEE802.3at
Port	RJ45
Max. Power	30W Max (Alternative B Mode)
Dimensions (W x D x H)	96 × 80 × 31 mm
Weight	0.2 Kg
Casing	Aluminum case
Mounting Options	DIN Rail / Wall Mount

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Specifications

Environmental

Operation Temperature	-40˚C to 75˚C (-40˚F to 167˚F)
Storage Temperature	-40˚C to 85˚C (-40˚F to 185˚F)
Relative Humidity	0% to 95% non-condensing
MTBF	> 200,000 hrs

Regulatory Approvals

ISO9001

FCC Part 15 Class A

EN55022:2006+A1:2007 Class A

Surge Protection:

RJ45: 1kV

Power: 500V

ESD: 4kV / 8kV

Ordering Information

Available Model	Description
ET-INJ30	Hardened Gigabit 1-port Ethernet Input +1-port PoE+ Output Injector

Optional Accessories (to be purchased separately)	
Power supply	Please refer to the power supply information at the back of the catalogue, our website www.ot-systems.com, or consult OTS sales at sales@ot-systems.com for your power system design properly.

Package Checklist

■ Hardened Gigabit PoE Injector	x 1
■ Wall Mount plates	x 1
■ Din Rail Clip	x 1
■ Quick Installation Guide	x 1

OT Systems Ltd., Oct 2015

Due to continuous improvement, all product specifications are subject to change without further notice.