

ET-INJ30

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



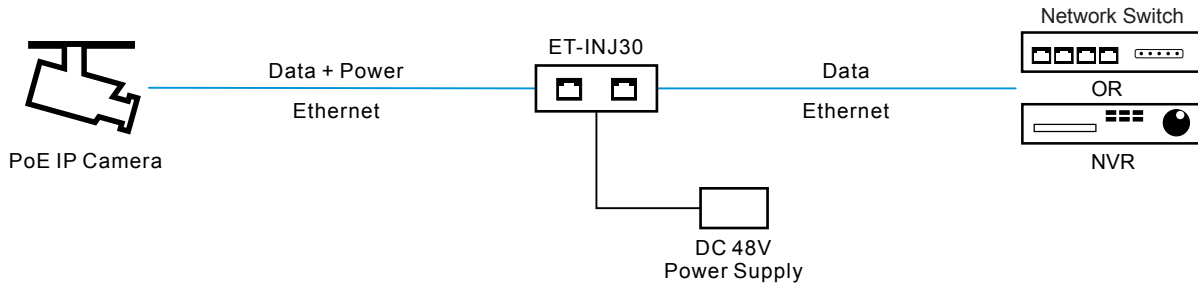
Features

- ▶ 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 indicators for PoE diagnostics
- ▶ Environmentally hardened
-40°C to 75°C (-40°F to 167°F) operating temperature

Warranty

- ▶ 5-Year Warranty

Typical Application



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)	95 x 70 x 30 mm
Weight	0.2 Kg
Casing	Aluminum case
Mounting Options	DIN Rail / Wall Mount

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
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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

