ET-INJ90
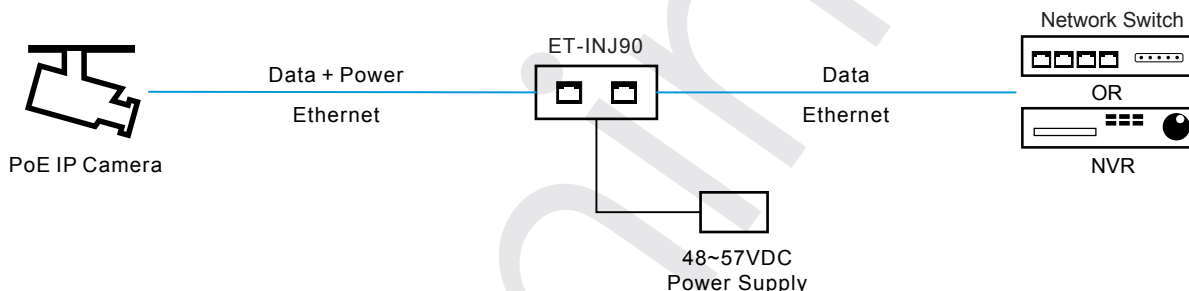
Hardened Gigabit Single-Port 90W PoE Injector

Features

► 1 RJ45 Ethernet Data Input Port + 1 RJ45 Power over Ethernet Output Port (Data + Power)

► Support 90W PoE++ Power Sourcing Equipment

► Compatible IEEE802.3at PoE+

► Support 10/100/1000Base-TX

► Extensive LED indicators for PoE diagnostics

► 48~57VDC Terminal Block Power inputs

► Supports DIN-Rail and Wall-mount installation

► -40°C to 75°C (-40°F to 167°F) operating temperature

Warranty

► 5-Year Warranty

Typical Application

PoE IP Camera — Data + Power / Ethernet — ET-INJ90 — Data / Ethernet — Network Switch OR NVR

48~57VDC Power Supply

Specifications

Ethernet

Standards	IEEE802.3af/at Power over 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	90W
LED Indicators	
Power	Power Status
PoE	PoE Status
PoE	IEEE802.3at, PoE++ 60W
	4 pair output power for PoE++ (90W)
	2 pair output power for PoE+ (30W)
Dimensions (W x D x H)	96 × 80 × 31 mm
Weight	0.2 Kg
Casing	Aluminum case
Mounting Options	DIN Rail / Wall Mount

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	5% to 95% non-condensing
MTBF	> 200,000 hrs

PoE Injector & Splitter

Accessories

Specifications

Regulatory Approvals

ISO9001, CE, FCC, RoHS
EMI:
EN55022:2010+AC: 2011, Class A
EN 61000-3-2: 2006+A1: 2009+A2: 2009
EN 61000-3-3: 2013
EN55024:2010
EMS:
IEC 61000-4-2: 2008 (ESD)
IEC 61000-4-3: 2010 (RS)
IEC 61000-4-4: 2012 (EFT)
IEC 61000-4-5: 2014 (Surge)
IEC 61000-4-6: 2013 (CS)
IEC 61000-4-8: 2009 (PFMF)

Ordering Information

Available Model	Description
ET-INJ90	Hardened Gigabit Single-Port 90W PoE 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.