

VX-1000GPP

Hardened Gigabit Single-Port 90W PoE Injector



Features

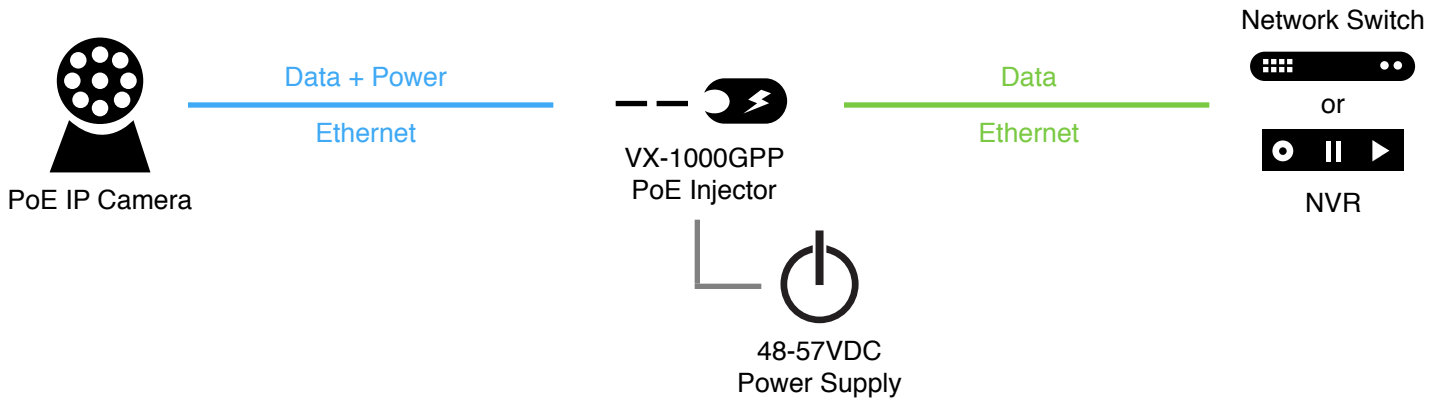
General

- 1 RJ45 Ethernet Data Input Port + 1 RJ45 Power over Ethernet Output Port (Data + Power)
- Support 90W LTPoE++ 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

Application



Specifications



Ethernet

Standards

- IEEE 802.3af/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	• 95W Max.
LED Indicators	• Power: Power Status • PoE: PoE Status
PoE	• IEEE 802.3at, LTPoE++ 90W • 4 pair output power for LTPoE++ (90W) • 2 pair output power for PoE+ (30W)
Dimensions (WxDxH)	• 31 x 80 x 96 mm
Weight	• 0.2Kg
Casing	• Aluminum case
Mounting Options	• DIN Rail / Wall Mount



Environmental

Operating 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



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)