

Industrial Dual PoE Injector for Gigabit Ethernet

ANPG3700D

- Fully IEEE 802.3af compliant midspan unit
- Power over Ethernet
- 1000 / 100 / 10MBit/s
- 4 ports with standard 8P8C connector (RJ-45)
- 2 LAN and PoE port pairs
- Standard housing with DIN rail hook

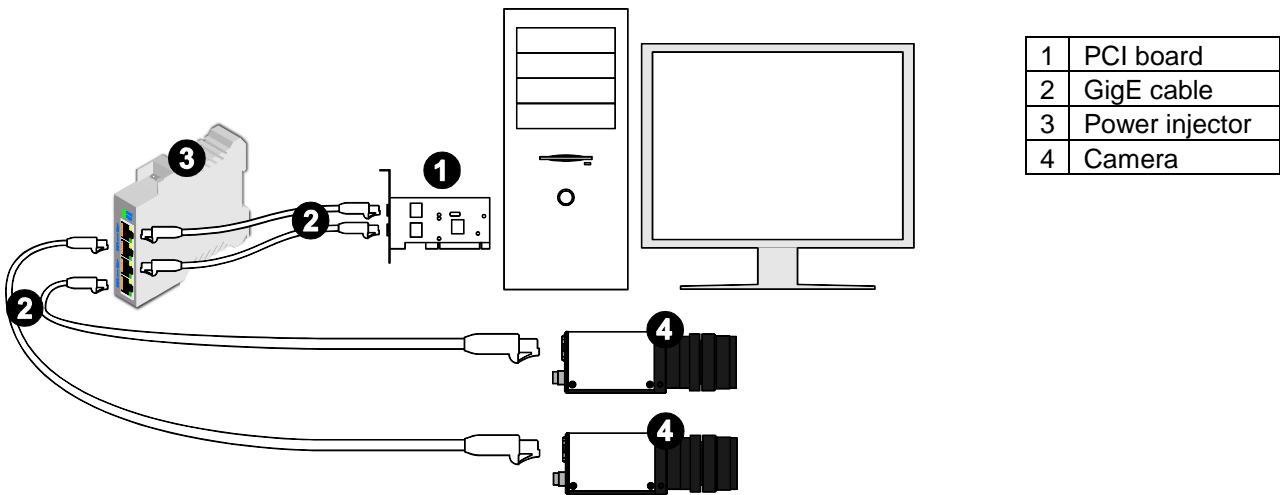


1. Overview

Ethernet interface	1000base-T, 100base-TX, 10base-T
Standard	according to IEEE 802.3
Transmission length	max. 100m (between transmitter / receiver)
Ports	4, 2 LAN and PoE port pairs
Electrical interface	
Power Switch	
Operating voltage switch	24V DC – 48V DC
Power consumption switch	< 0.5 Watt
PoE (Power over Ethernet)	IEEE 802.3af compliant midspan unit
PoE class	class 0 (on 48V DC)
Protective function	Protection against polarity reversal Disconnection of power device on overload / overtemperature
Operating voltage PoE	24V DC – 48V DC (between 38V DC and 48V DC IEEE802.3 clause 33 conform)
Feeding (per Port)	up to 15.4 Watt (between 38V DC and 48V DC IEEE802.3 clause 33 conform), up to 7.7 Watt with 24V DC
Environmental	
Storage temperature	-10°C – +70°C
Operating temperature	+5°C – +55°C
Humidity	10% – 90% non condensing
Conformity	CE, FCC Part 15, RoHS
Housing	IP 20, plastic
Dimensions	22.5 x 99 x 113.5mm
Weight	< 150g

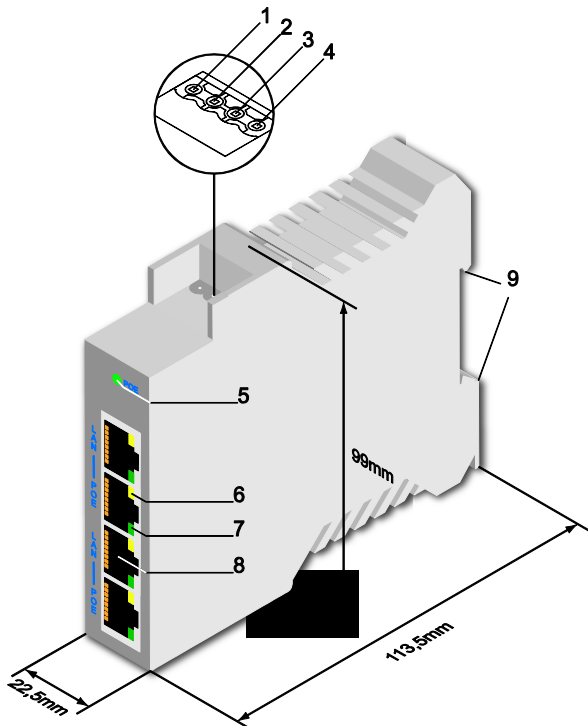
Technical specifications subject to change

2. Connection Diagram



- Connect the power injector as shown in the diagram.
- Establish the connection between the power injector and the GigE board of your PC using an appropriate Ethernet cable (at least Cat-6).
- Connect the cameras using an appropriate Ethernet cable (at least Cat-6, maximum cable length: 100m).
- **Note: PoE is injected between X1 and X2 an X3 and X4, respectively, see table of connectors below.**

3. Dimensions and Connectors



1	Not connected
2	Not connected
3	24 – 48V (PoE)
4	GND (PoE)
5	Power PoE
6	Power over Ethernet
7	No function
8	8P8C jack
9	DIN rail hook (with function earth)

LAN (X1)	PC (data)
PoE (X2)	Camera (PoE + data)

LAN (X3)	PC (data)
PoE (X4)	Camera (PoE + data)