

Industrial 6-Port PoE Gigabit Ethernet Switch

ANPG3702D

- Power over Ethernet
- 1000 / 100 / 10 MBit/s
- 5 Ports with standard 8P8C connector (RJ-45)
- 1 SFP slot for an SFP unit
- Auto-negotiation, auto-crossover and auto-polarity
- Jumbo frames up to 10kByte supported
- Standard housing with DIN rail hook

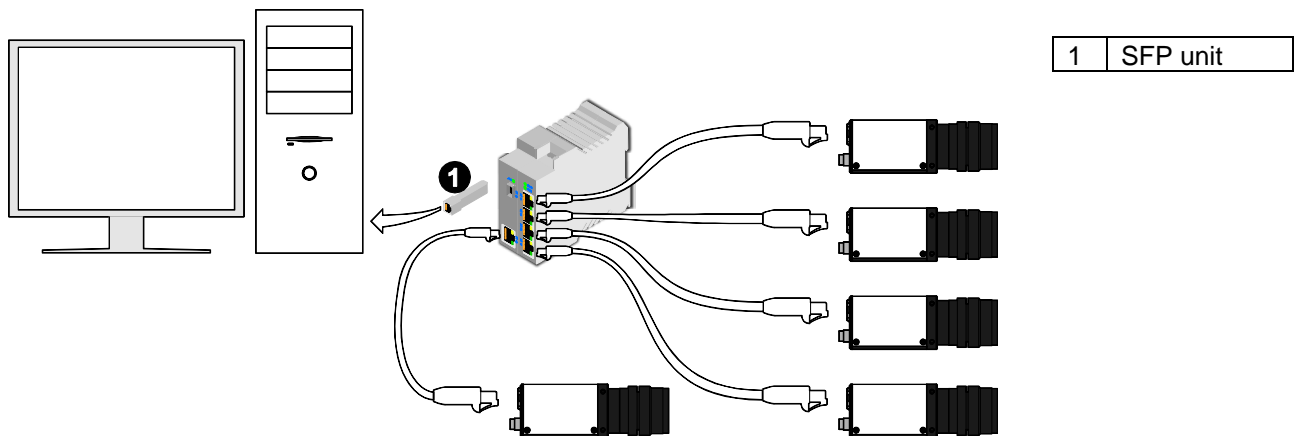


1. Overview

Ethernet interface	1000base-T, 100base-TX, 10base-T
Standard	according to IEEE 802.3
Transmission length	max. 100m (between transmitter / receiver)
Ports	4
Features	
Packet size	up to 10kByte jumbo frames supported
Auto functions	auto-negotiation, auto-crossover and auto-polarity
Electrical interface	
Power Switch	
Operating voltage switch	24V DC – 48V DC (between 38V DC and 48V DC IEEE802.3 clause 33 conform)
Power consumption switch	approx. 6 Watt
PoE (Power over Ethernet)	IEEE 802.3af compliant
PoE class	class 0 (on 48V DC)
Protective function	Protection against polarity reversal Disconnection of power device on overload / overtemperature
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 properties	
Storage temperature	-10°C – +70°C
Operating temperature	+5°C – +55°C
Humidity	10% – 90% non condensing
Conformity	CE, RoHS
Housing	IP 20, plastic
Dimensions	45 x 99 x 113.5mm
Weight	222g

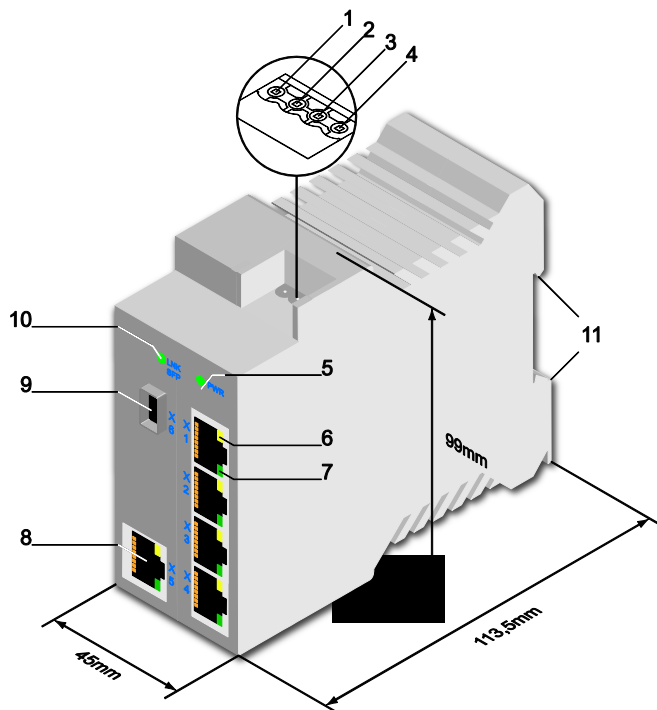
Technical specifications subject to change

2. Connection Diagram



- Connect the switch as shown in the diagram. Establish the connection between the switch and the GigE board on your PC or use an SFP unit.
- The SFP port does not provide Power over Ethernet.
- Connect the cameras using an appropriate Ethernet cable (at least Cat-6, maximum cable length: 100m).
- All ports of the switch are equal. The wiring is arbitrary.

3. Dimensions and Connectors



1	24 – 48V DC
2	GND
3	Not connected
4	Not connected
5	Power
6	Power over Ethernet
7	Ethernet link
8	8P8C jack
9	SFP port
10	Link / activity (SFP)
11	DIN rail hook (with function earth)

4. SFP units available

Article number	Type	Material	Max. length
ANPG3703D	SFP 1000 Base-TX	Copper	100m
ANPG3704D	SFP 1000 Base-SX	Fiber	500m
ANPG3705D	SFP 1000 Base-LX	Glas	10km