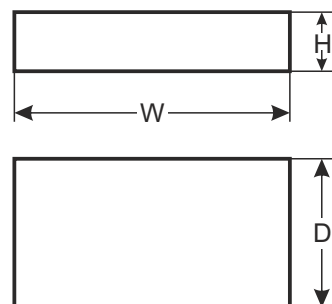


CODE: **EXT-POEG5** v.1.0/1
NAME: **Extender EXT-POEG5**

EN



Equipment features:

- Voltage adjustment range 48 – 57 V DC
- Power supply from PoE switch
- PoE input: PoE IN - compliant with IEEE802.3af/at/bt
- PoE output PoE OUT - compliant with IEEE802.3af
- Increases Ethernet and PoE power range by 100 meters
- Supports 10/100/1000 Mb/s networks
- LED optical signalization
- Additional mounting elements
- Protections:
 - surge protection
 - OCP overload protection
 - SCP short circuit protection
- Warranty – 2 years

DESCRIPTION

EXT-POEG5 extender is a device designed to extend transmission distance of PoE power and Ethernet data via UTP cat. 5e twisted pair cable to next 100m. Extender is powered from PoE switch (PoE PD INPUT), or from power supply unit via DC power socket. Output voltage and data are available at PoE OUT outputs, to which cameras or other IP devices using PoE power should be connected. Maximum load current is **0.6 A/port - a total is 0.8 A** (when supplied via PoE PD INPUT) or **1.15 A** (when supplied via DC connector). Device is designed for operation in 10/100/1000 Mb/s networks.

TECHNICAL DATA

Ports	5 ports 10/100/1000 Mb/s, with auto negotiation of connection speed, auto MDI/MDIX crossover
Power supply	Compliant with 802.3af/at/bt, or external power supply (48 – 57 V DC)
Current consumption by module systems	<20mA
Module power (PoE PD INPUT)	40 W max.
Module power (DC IN)	60 W max.
Output voltage	Compliant with IEEE802.3af/at
Output current	0,6 A/port ($\Sigma=0,8 A$ – PD INPUT; 1,15 A – DC IN)
PoE IN input power supply pairs	1/2 (+) 3/6(-) 4/5 (+) 7/8 (-)
PoE OUT 1/2 output power supply pairs	1/2 (+) 3/6 (-)
Overload protection (OLP) Short circuit protection (SCP)	105% – 150% of power supply, automatic recovery
LED operation indication	LED LAN (yellow) – indicating the LAN connection status LED PoE (green) – presence of input/output voltage
Operating conditions	-10°C – +40°C
Dimensions	W=118, H=28, D=85 [+/- 2mm]
Additional accessories	Surface mounting sheets
Connectors: - Input/output PoE - DC IN	RJ45 8P8C Outlet DC 5.5/2.1
Net/gross weight	0,25 / 0,32 [kg]
Storage temperature	-20°C...+60°C
Declarations, warranty	CE, RoHS, 2 years



Connection schemes:

