

CODE: **EXT-POEG2** v.1.0/1
NAME: **Extender EXT-POEG2**

EN



Equipment features:

- Voltage adjustment range 44-57 V DC
- Power supply from PoE switch
- PoE input: PoE IN - compliant with IEEE802.3af/at
- PoE output: PoE OUT1/2 - compliant with IEEE802.3af
- Increases Ethernet and PoE power range by 100 meters
- Supports 10/100/1000 Mb/s networks
- LED optical signalization
- Protections:
 - Surge protection (PoE input)
 - OLP overload protection
 - SCP short circuit protection
- Warranty – 2 years from production date

DESCRIPTION

EXT-POEG2 extender is a device designed to extend transmission distance of PoE power and Ethernet data via UTP cat. 5/5e twisted pair cable to next 100m. Extender is powered from PoE switch or other PoE-compliant device (PoE IN input). Output voltage and data are available at PoE OUT1, PoE OUT2 outputs, to which cameras or other IP devices using PoE power should be connected. Maximum load current is 0.4A (0.3A/port) and power transmission is realized on pairs 1/2 (+) 3/6(-).

TECHNICAL DATA

Power supply	Compliant with 802.3af/at (44+57 V DC)
Current consumption by module systems	<20mA
Module power	20 W max.
Ports	3 ports 10/100/1000 Mb/s (1 x PoE IN + 2 x PoE OUT) with auto negotiation of connection speed, auto MDI/MDIX crossover
Output voltage	Compliant with 802.3af
Output current	0,3A/port ($\Sigma=0,4A$ max.)
PoE IN input power supply pairs	1/2 (+) 3/6(-) 4/5 (+) 7/8 (-)
PoE OUT1/2 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 (LxWxH)	50 x 23 x 79 [+/- 2mm]
Installation	mounting screws x2 (63mm spacing)
Connectors: - PoE input/output	RJ45 8P8C
Net/gross weight	0,08 / 0,1 [kg]
Storage temperature	-20°C...+60°C
Declarations, warranty	CE, RoHS, 2 years from production date