Features:

- Power supply output for cameras: 5A 12 V DC
- PoE input: IEEE 802.3 af/at/bt
- Output power: 60 W
- Designed for 10/100/1000 Mb/s network
- DIN rail mounted

- Optical LED indication
- Protections:
    - Short-circuit protection SCP
    - Overload protection OLP
- Warranty – 2 years

1. Technical description.

SP-POE60G Splitter is intended for supplying devices (e.g. IP cameras) that require a supply voltage of 12 V DC. The device is based on a high-performance DC/DC converter reducing the voltage from 44-57 V DC to 12 V DC. Maximum load current is 5 A. The splitter can be powered from both PoE standard compliant devices (e.g. PoE switch) and passive PoE power supplies supplying voltage to 4/5 and 7/8 pairs, which do not participate in data transmission.
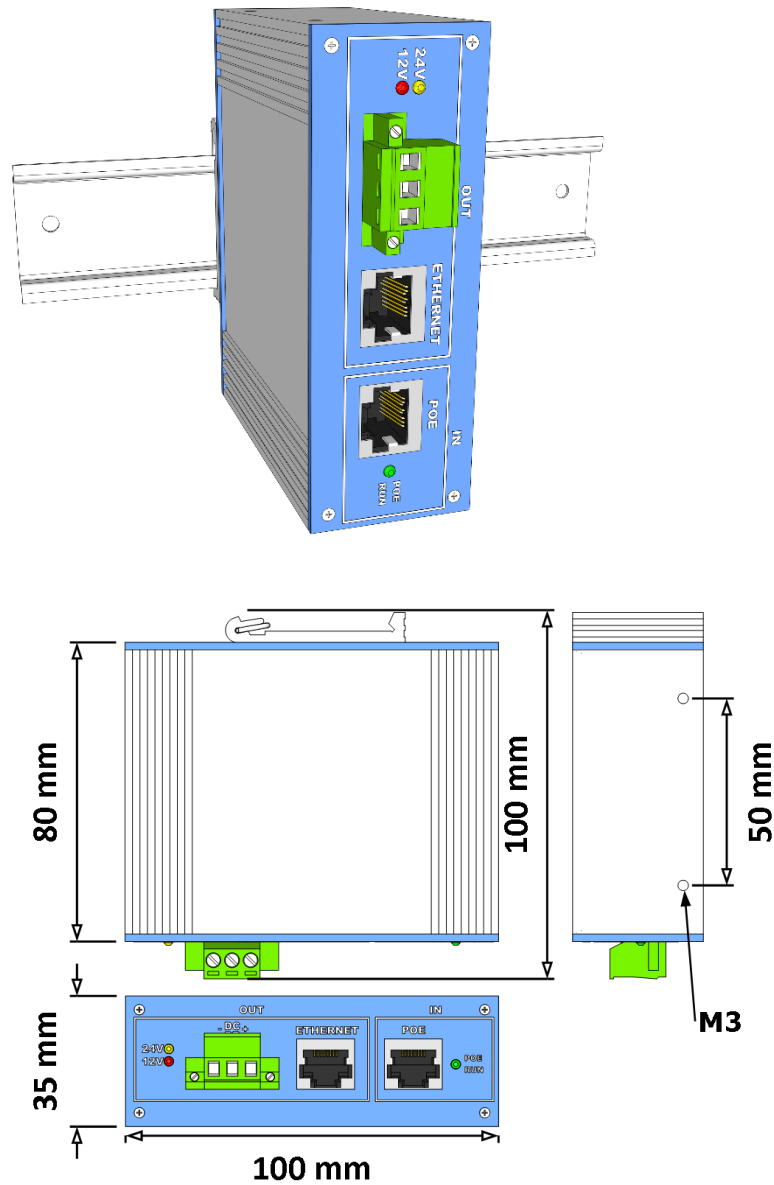
The supply voltage (POWER) and data (DATA) are supplied at the module input (the RJ-45 socket). Only data is sent to output (RJ-45 socket), while the 12 V DC supply voltage is available on screw connector. The splitter also allows supplying other devices requiring 12 V DC supply voltage, including Access Point, router etc..

2. Specifications.

Voltage adjustment range (supply):	44 – 57 V DC
Current consumption:	1,1 – 1,5 A
Module power:	60 W*
Efficiency:	93%
Output voltage	12 V DC
Output current:	5 A
Ripple voltage:	100 mV p-p max.
Protection against: - Short-circuit SCP - Overload OLP	105% ÷ 150% of module supply power, automatic recovery
Optical indication: - diode indicating presence of DC input voltage - diode indicating presence of DC output voltage	- green, normal status: permanently illuminated, failure: off - red, normal status: permanently illuminated, failure: off
PoE standard	IEEE 802.3af/at/bt,
Input power supply pairs	1/2 (+) 3/6 (-) 4/5 (+) 7/8 (-)
Transmission speed	10/100/1000Mb/s Full Duplex
Input connector	RJ-45 socket
Output connector	Screw terminal, screwed RJ-45 socket
Operating temperature:	-10°C ÷ +40°C
Dimensions: Dimensions with connectors:	100 x 80 x 35 [mm] (WxHxD) 100 x 100 x 35 [mm] (WxH$_1$xD)
Net/gross weight:	0,22 / 0,30 [kg]

*- To achieve such efficiency, it is necessary to work with an 802.3bt standard switch

3. Dimensions