

1. Description.

The PoE4 power supply distribution module is designed to supply 4 IP devices (e.g. web cameras, access points, etc.) requiring voltage of **20V±56V DC**. It is equipped with two power inputs: screw connection and DC jack 5,5/2,1. The power is supplied with use of four-pair twisted pair, using the **4/5 (+) and 7/8 (-)** pairs, which, in accordance with the Ethernet network standard, are not used for data transmission (data transmission is performed using 1/2 and 3/6 pairs). The module cannot be used in Gigabit Ethernet, where all twisted pairs are involved in data transmission! The module is adapted for connection of cables with a maximum cross section of **1,5mm²**.

2. Module description.
2.1. Description of components and connectors of the module.

Component no [fig. 2]	Description
[1]	+IN- screw connection, power input module
[2]	DC jack 5,5/2,1 – power input module
[3]	DC - LEDs red indicating the presence of voltage at the IN input
[4]	PoE 1 ÷ PoE 4 Network outputs (Ethernet + power) for connecting cameras
[5]	LAN 1 ÷ LAN 4 Network outputs (Ethernet) for connecting a network switch (Ethernet switch / hub)
[6]	Mounting panel

3. Specifications.

Supply voltage	20V±56 V DC (-2%/+2%)
Output voltage	$U_{PoE} = U_{IN}$ (equal to supply voltage)
Current consumption	2mA @ $U_{in} = 24$ V DC 6mA @ $U_{in} = 48$ V DC
Number of power inputs	2: DC jack 5,5/2,1 or screw connection – 1,5mm² max. cable
Number of power outputs	4 (PoE terminals) – RJ-45 jack
Protections against a surge	Yes – varistors
LED indication	- red LED supply voltage indicator
Operating conditions	II environmental class, -10°C ÷ 50°C
Dimensions	L=105, W=43, H=24 (+/-2mm)
Installation	A mounting panel with an adhesive tape, mounting screws x 2 (holes 3mm)
Connectors:	
- power supply input	DC jack 5,5/2,1 or screw connection Φ0,5±2,05 (AWG 24-12), 0,2±1,5mm ²
- input/output LAN/PoE	RJ-45 jack 8p8c
Declaration, warranty	CE, 2 year from the production date
Net/gross weight	0,08kg / 0,10kg

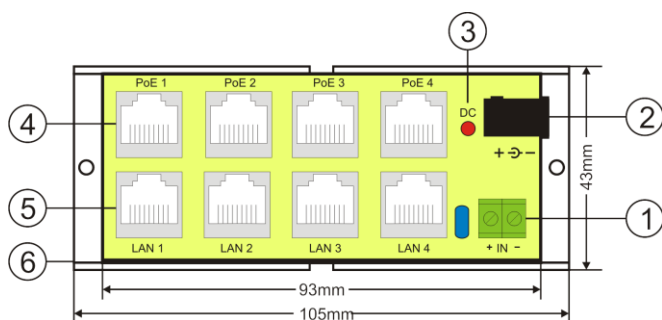


Fig. 1. The view of the module.

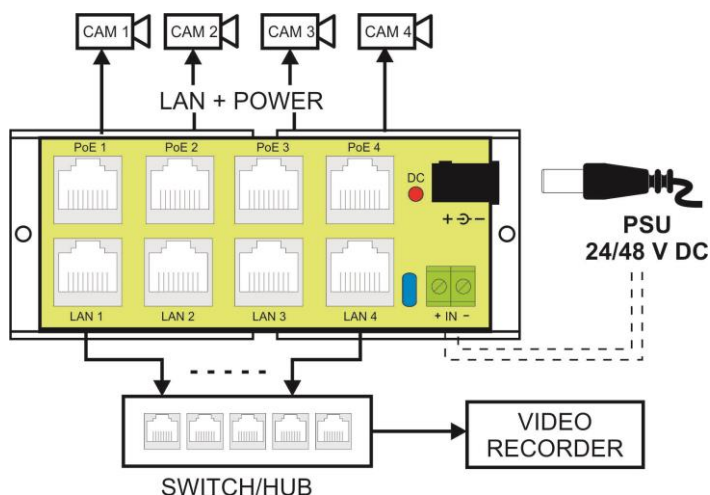


Fig. 2. Example diagram of a connection with the module.

WEEE PARKING

According to the EU WEE Directive – It is required not to dispose of electric or electronic waste as unsorted municipal waste and to collect such WEEE separately.

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