

**AWZ613**

v1.0

**PoE4/4x1A/1,5****Power supply distribution module for IP cameras (PoE) angled**

Edition: 1 from 07.04.2016

Supercedes the edition: -----

**EN\*\*****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 **1,5mm<sup>2</sup>**.

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

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

**3. Specifications.**

<b>Supply voltage</b>	20V±56 V DC (-2%/+2%)
<b>Output voltage</b>	$U_{PoE} = U_{IN}$ (equal to supply voltage)
<b>Current consumption</b>	2mA @ $U_{in} = 24V$ DC 6mA @ $U_{in} = 48V$ DC
<b>Number of power inputs</b>	2: DC jack 5,5/2,1 or screw connection – <b>1,5mm<sup>2</sup></b> max. cable
<b>Number of power outputs</b>	4 (PoE terminals) – RJ-45 jack
<b>Protections against a surge</b>	Yes – varistors
<b>LED indication</b>	- red LED supply voltage indicator
<b>Operating conditions</b>	II environmental class, -10°C ÷ 50°C
<b>Dimensions</b>	75 x 53 x 33 (WxHxD) [mm]
<b>Installation</b>	A mounting panel with an adhesive tape, mounting screws x 2 (holes 3mm)
<b>Connectors:</b>	
- power supply input	DC jack 5,5/2,1 or screw connection $\Phi 0,5 \div 2,05$ (AWG 24-12), 0,2÷1,5mm <sup>2</sup>
- input/output LAN/PoE	RJ-45 jack 8p8c
<b>Declarations, warranty</b>	CE, 2 year from the production date
<b>Net/gross weight</b>	0,07kg / 0,09kg

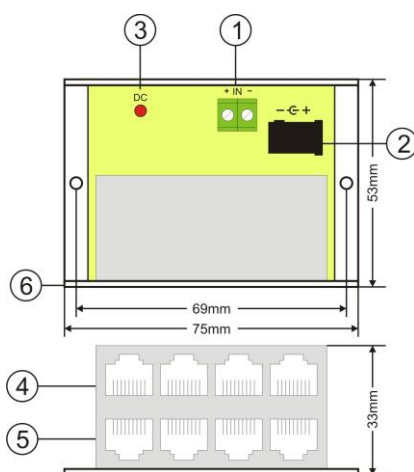


Fig. 1. The view of the module.

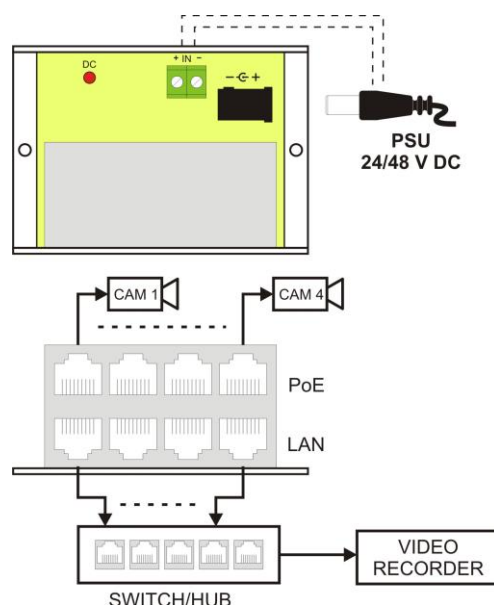


Fig. 2. Example diagram of a connection with the module.

**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.

**WARRANTY**

Pulsar (the manufacturer) grants a two-year warranty for the equipment, counted from the device's production date.

**Pulsar**

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