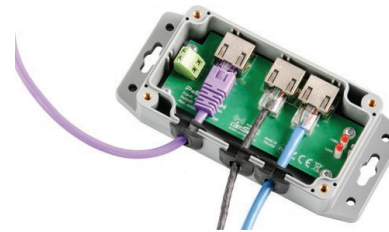


5. Parameters

Port: PoE IN 48V (power supply)	
Power input	48V DC in standard PoE 802.3af
Maximum power	50W
LAN	NO
Standard	PoE 802.3af – power on pins +7,8; -4,5
Socket	RJ45
Port: LAN/PoE OUT 48V (IP CAMERA)	
Power input	48V DC (direct connection from power supply – loop)
Maximum power	30W
LAN	YES
Standard PoE 802.3af	PoE 802.3af – power on pins +7,8; -4,5
Socket	RJ45
Port: LAN/PoE OUT 24V (IP RADIOLINE)	
Power output	24V DC
Maximum power	15W
LAN	YES
Standard PoE 802.3af	passive PoE – power on pins +7,8; -4,5
Socket	RJ45
Other:	
Housing	External IP65
Size	116x66x41 mm
Mounting	U-bolt to pole 35-55 mm
Surge protection	YES
Certification	CE and RoHS



PoER-24H

QUICK START

ver. 1.0

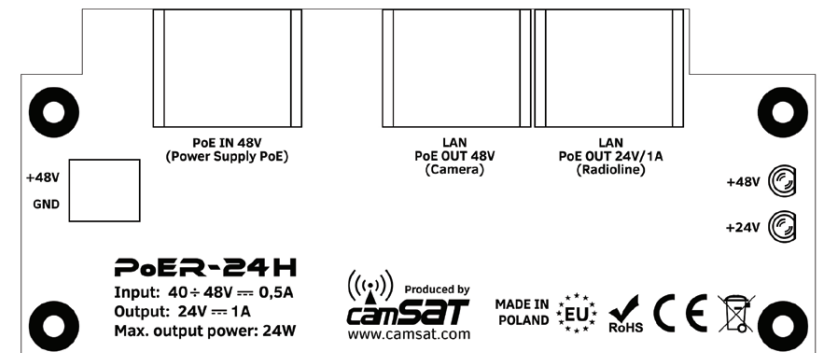
Hermetyczny konwerter zasilania ze standardu PoE48V na PoE24V przeznaczony do kamer IP

It is used to power IP cameras (48V) and the wireless system (24V) from a single PoE power supply or PoE Switch in standard 802.3af (power on pins + 7.8 - 4.5). All power connectors have a surge protection, so that devices connected to PoER are protected from dangerous power surges.

Included:

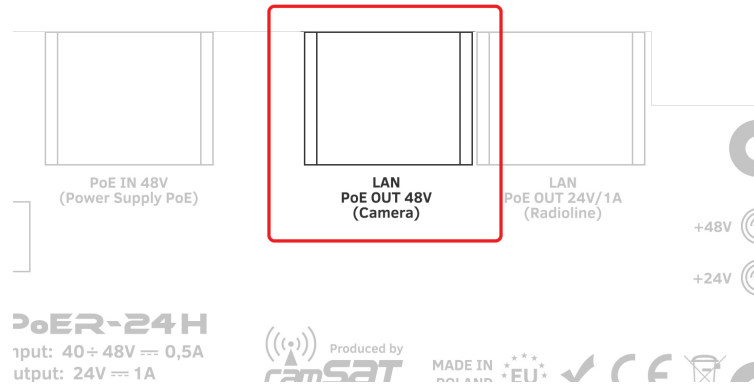
- Power converter PoER-24h x 1 pc.
- U-bolts fastening the mast x 1 set.
- Start Guide x 1 pc.
- Declaration of conformity x 1 pc.

1. Installation



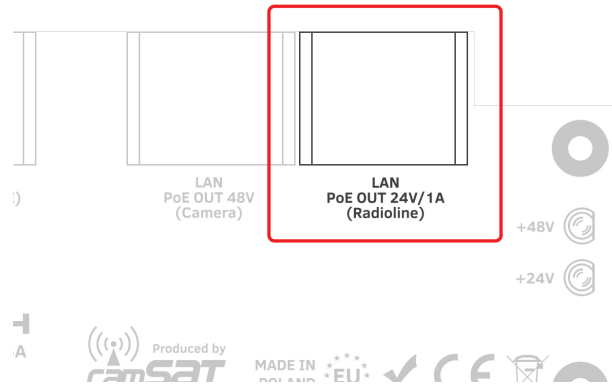
2. Connect IP cameras with PoE48V (PoE 802.3af).

The camera must be connected to the **RJ45** socket labeled **LAN / PoE OUT 48V** via LAN cable with **RJ45** connectors on both sides. Connector **LAN / PoE OUT 48V** supplies 48V power and also transmits the signal lines in a standard **LAN 10BASE-T, 100BASE-TX** directly (1: 1 / non-interlaced) to connector **LAN / PoE OUT 24V**.



3. Connecting a wireless IP system or other device powered PoE24V.

The wireless IP system must be connected to the RJ45 socket labeled **LAN / PoE OUT 24V** via LAN cable with RJ45 connectors on both sides. Connector **LAN / 24V PoE OUT** supplies 24V power and also provides the signal lines in a standard **LAN 10BASE-T, 100BASE-TX** directly (1: 1 / non-interlaced) to connector **LAN / PoE OUT 48V**. It connects Ethernet LAN signal from IP cameras with radio IP module.

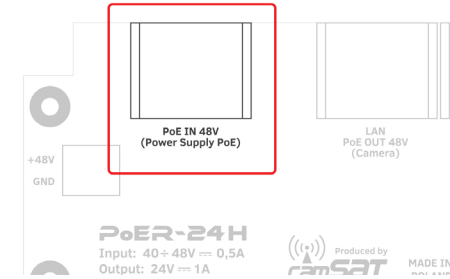


4. Power sources

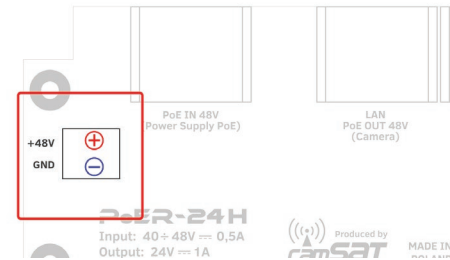
a) The power supply or the PoE48V Switch in standard PoE 802.3af must be connected to the RJ45 socket labeled 48V PoE IN.



PoE IN 48V connector uses only PoE power lines and does not transmit Ethernet LAN signal lines.



b) Universal power supply must be connected to the screw socket labeled **+ 48V / GND**. You must always remember to maintain the correct polarity (+ -). Power supply Plus to the terminal marked + 48V, power supply Minus to the terminal marked GND.



It is unacceptable to use two power supplies at the same time.



The power supplied may not be less than the total maximum power consumption of powered devices (IP camera + wireless system).

After connecting the power supply two LEDs will light up indicating the voltage appears on the corresponding LAN ports:

Red LED 48V means the appearance of voltage (PoE) on the connector **LAN / PoE OUT 48V**

Green LED indicates the appearance of voltage (PoE) on the connector for **LAN / PoE OUT 24V / 1A**