

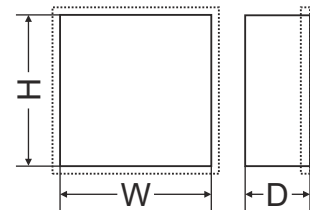
POE series power supply unit

PoE power supply 48V DC for up to 16 IP cameras



EN*

CODE: **POE1648** v.1.0/1
TYPE: **PoE 48V/6A PoE power supply for up to 16 IP cameras.**



PSU features:

- the 16x0,35A/48V DC power output for powering 16 cameras IP
- output voltage adjustment 41V± 56V DC
- Wide range of supply voltage: 90±264V AC
- high efficiency: 89%
- designed for 10Mbit/s and 100Mbit/s network
- LED optical indication
- protections:
 - SCP short-circuit protection
 - OVP overvoltage protection
 - Surge protection
 - Antisabotage protection
 - OLP overload protection
- warranty – 2 year from the production date

DESCRIPTION

The PSU is designed for supply of up to 16 webcams requiring stabilized voltage of **48V DC**. The output voltage can be adjusted with a potentiometer between **41V±56V DC**. The power is carried over the spare pairs (4/5 & 7/8), which, according to the Ethernet network standard, are not used for data transmission (data transmission uses 1/2 and 3/6 data pairs). The PSU is housed in a metal enclosure with signaling panel equipped with a microswitch indicating door opening (front cover).

The PSU can not be used in Gigabit Ethernet networks, where all twisted pairs are involved in the transmission of data!

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SPECIFICATIONS	
PSU type:	A (EPS - External Power Source)
Mains supply:	90÷264V AC
Current consumption:	2A@230VAC max.
PSU's power:	269W max.
Efficiency:	89%
Output voltage:	48V DC
The adjustment range of the output voltage:	41÷56V DC
Output current:	16 x 0,35A (ΣI=5,6A) max.@48V
Ripple voltage	240mV p-p max.
Short-circuit protection SCP	105% ÷ 135% of PSU power, automatic recovery
Overload protection OLP	105% ÷ 135% of PSU power, automatic recovery
Surge protection	varistors
Overvoltage protection OVP:	58÷68V DC
Antisabotage protection: - TAMPER output indicating enclosure opening	- microswitch, NC contacts (enclosure closed), 0,5A@50V DC (max.)
Optical indication of operation:	Yes –LED lights
Operating conditions:	2nd environmental class, -10 °C÷40 °C
Enclosure:	DC01 steel plate, 1,0mm, color RAL 9003
Dimensions:	291 x 387 x 101+15 (WxHxD) [mm] (+/-2)
Net/gross weight:	4,5kg / 4,8kg
Closing:	Cylindrical screw x 2 (at the front) (lock assembly possible)
Declarations, warranty	CE, 2 year from the production date
Notes:	The enclosure has a 15mm distance from the mounting surface so the cables can be led. PSU cooling: fan cooling. Switch mode power supply: Φ0,63-2,05(AWG 26-10) PoE module: Φ0,5-2,05 (AWG 24-12) LAN1 ÷ LAN4 inputs: RJ45 8P8C, shielded PoE1 ÷ PoE4 outputs: RJ45 8P8C, shielded TAMPER output: wires 35cm