

PSDCR series power supply unit

Power supply 12V DC for up to 16 HD cameras with a recorder space

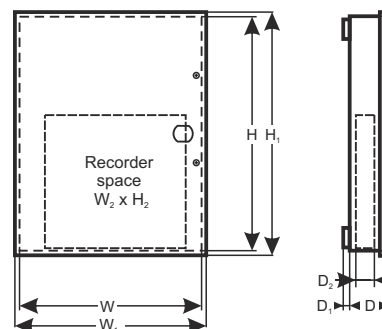
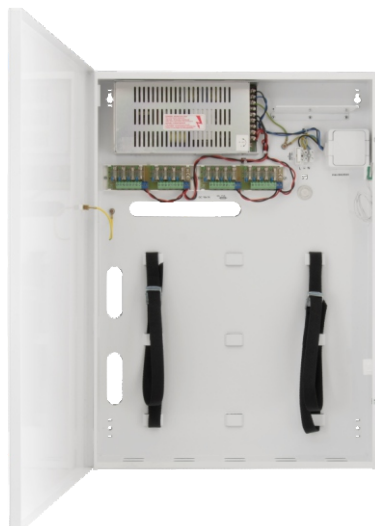


CODE: **PSDCR161214** v.1.1/II

TYPE: **PSDCR 12V/14A/16x1A/TOPIC** Power supply for up to 16 HD cameras

EN**

with a recorder space.



Features:

- the 16x0,87A/12V DC power output for powering 16 HD cameras
- output voltage adjustment 12V÷15V DC
- 16 outputs protected with 1A fuses
- recorder space 400x345x100
- wide range of supply voltage 176÷264V AC
- high efficiency 85%
- LED indication
- **the enclosure construction is compliant with the requirements of the General Data Protection Regulation GDPR (the possibility of installing two locks with different codes).**
- protections:
 - SCP short-circuit protection
 - OVP over voltage protection
 - surge protection
 - OLP overload protection
- warranty – 2 year from the production date

DESCRIPTION

The **PSDCR161214** stabilized power supply is designed to supply HD cameras or other devices requiring stabilized voltage of 12V DC. The output voltage adjustment is adjusted via a potentiometer within the range of **12V÷15V DC**. The PSU features 16 outputs protected independently by either glass fuses. A failure (a short circuit) in the output circuit makes a fuse blow and disconnection of the circuit from the DC power supply (+U). The power supply unit is placed in a metal enclosure (color RAL 9003) with space a recorder. **The enclosure construction is compliant with the requirements of the General Data Protection Regulation GDPR (the possibility of installing two locks with different codes).** A micro switch indicates door opening (front cover).

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SPECIFICATIONS	
Supply voltage	176 ÷ 264V AC
Current consumption	1,5A@230VAC max.
PSU power	168W max.
Efficiency	85%
Output voltage	12V DC
Output current	16x 0,87A ($\Sigma I = 14A$) max.@12V
Output voltage adjustment range	12V ÷ 15V DC
Ripple voltage	100mV p-p max.
Short-circuit protection SCP	LB8 (A, B) STRIP 8x F 1A fuse PSU MODULE 105% ÷ 150% of PSU power, electronic current limiting
Overload protection OLP	105% ÷ 150% of PSU power, electronic current limiting
Surge protection	varistors
Surge over voltage protection OVP	>16V (automatic recovery)
LED indication	LEDs
Operating conditions	II environmental class, temperature: -10 °C+40 °C
Enclosure	Steel plate DC01 0,7mm thick, colour: RAL9003
Dimensions	W=432, H=607, D+ D ₁ =102+14 [+/- 2mm] W ₁ =437, H ₁ =612 [+/- 2mm]
Dimensions of recorder space	W ₂ =400, H ₂ =345, D ₂ =95 [+/- 2mm]
Net/gross weight	7,8/8,6 kg
Closing	2 x cheese-head screw: at the front The possibility of installing two locks with different codes.
Declarations, warranty	Power supply: 230V AC: $\Phi 0,63-2,05$ (AWG 22-12) AUX outputs: $\Phi 0,51- 2,05$ (AWG 24-12) LB8: $\Phi 0,51- 2,05$ (AWG 24-12)
Notes	The enclosure does not adjoin the assembly surface so that cables can be led. Convectonal cooling.