



# Power supply units and accessories for HD cameras



**HD-CVI**

**AHD**

**HD-TVI**

**TURBO-HD**

## Multi-output power supply units



**Page 4**      **Multi-output power supply units for HD cameras 12VDC**  
with glass fuse  
PSDC...T series

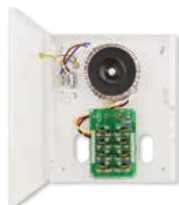


**Page 5**      **Multi-output power supply units for HD cameras 12VDC**  
with glass fuse, with recorder space  
PSDCR series



**Page 5**      **Multi-output power supply units for HD cameras 12VDC**  
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PSDC series

## Power supply units ~24VAC



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## Multi-output buffer power supply units



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## Multi-output buffer power supply units RACK 19"



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## Enclosed single-output buffer power supply units



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## Single-output buffer power supply units for DIN rail



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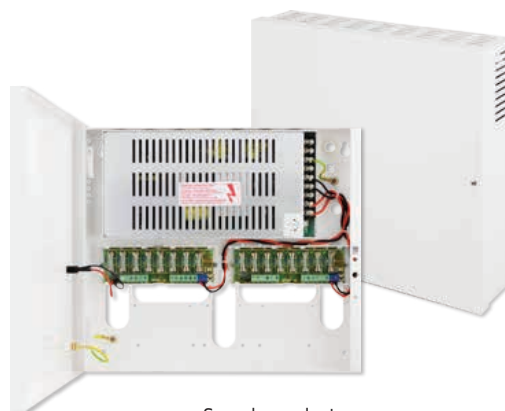
**Page 16**      **Battery controllers**  
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**Page 16**      **Transformers ~24VAC**  
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## Multi-output power supply units for HD cameras 12VDC with glass fuse PSDC...T series

- power supply: 85÷264VAC / 88÷264VAC / 176÷264VAC \*
  - available models: 12VDC / 5×1,0A, 12VDC / 8×1,0A  
12VDC / 16×0,8A / 16×1,0A
  - voltage adjustment range: 12÷15VDC
  - number of outputs × fuse: 5×1,0A / 8×1,0A /  
16×0,8A / 16×1,0A \*
  - fuse type: glass fuse
  - protections:
    - SCP short circuit protection
    - OLP overload protection
    - OVP overvoltage protection
    - surge protection
  - notes:
    - surface mounted enclosure, locking - bolted
  - warranty: 2 years from production date
- \* depending on model



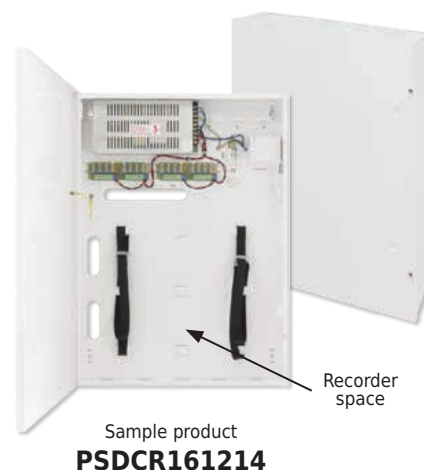
Sample product  
**PSDC161216T**

Code	Output voltage	Output current	Number of outputs	Fuse type	Dimensions W×H×D+D <sub>1</sub> [+/- 2mm]
<b>PSDC05125T</b>	12VDC (12÷15VDC)	5,0A	5×1,0A	1,0A - TOPIK	230×177×52+8
<b>PSDC08128T</b>		8,0A	8×1,0A	1,0A - TOPIK	290×256×52+8
<b>PSDC161212T</b>		12,0A	16×0,8A	0,8A - TOPIK	
<b>PSDC161216T</b>		16,0A	16×1,0A	1,0A - TOPIK	

## Multi-output power supply units for HD cameras 12VDC with glass fuse, with recorder space PSDCR series

Enclosure construction is compliant with requirements of General Data Protection Regulation GDPR (possibility of installing two locks with different codes).

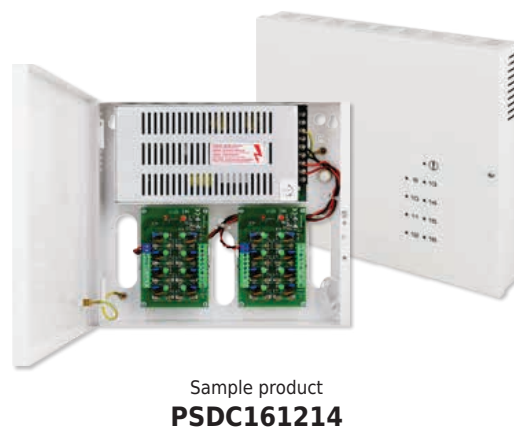
- power supply: 176÷264VAC
- available models: 12VDC / 8×1,0A, 12VDC / 16×0,87A
- voltage adjustment range: 12÷15VDC
- number of outputs × fuse: 8×1,0A / 16×1,0A
- fuse type: glass fuse
- protections:
  - SCP short circuit protection
  - OLP overload protection
  - OVP overvoltage protection
  - surge protection
- notes:
  - enclosure is fitted with recorder space
  - surface mounted enclosure, locking - bolted
  - enclosure is fitted with 230VAC socket for recorder's power supply
  - provides additional space for installation of recorder's power supply
  - enclosure is fitted with straps for mounting DVR
- warranty: 2 years from production date



Code	Output voltage	Output current	Number of outputs	Fuse type	Dimensions of recorder space W <sub>2</sub> ×H <sub>2</sub> ×D <sub>2</sub> [+/- 2mm]	Dimensions W×H×D+D <sub>1</sub> [+/- 2mm] W <sub>1</sub> ×H <sub>1</sub> [+/- 2mm]
PSDCR08128	12VDC (12÷15VDC)	8,0A	8×1,0A	1,0A - glass fuse	400×345×95	435×607×102+14 437×612
PSDCR161214		14,0A	16×0,87A			

## Multi-output power supply units for HD cameras 12VDC with glass fuse / PTC, with technical output of failure PSDC series

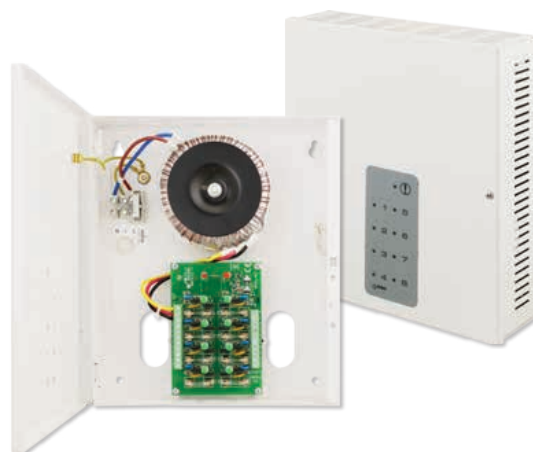
- power supply: 85÷264VAC / 88÷264VAC / 176÷264VAC \*
- available models: 12VDC / 4 × 1A  
12VDC / 8 × 1A  
12VDC / 16 × 0,87A
- voltage adjustment range: 12÷15VDC
- number of outputs × fuse:
  - 4 × 1A / 8 × 1A / 16 × 1A
- jumper selectable fuse type: glass fuse / PTC
- technical outputs OC type:
  - FPS - indication of output fuse activation
- protections:
  - SCP short circuit protection
  - OLP overload protection
  - OVP overvoltage protection
  - surge protection
  - antisabotage protection
- notes:
  - surface mounted enclosure, locking - bolted
- warranty: 3 years from production date
- \* depending on model



Code	Output voltage	Output current	Number of outputs	Fuse type (jumper selectable fuse type)	Technical outputs	Dimensions W×H×D+D <sub>1</sub> [+/- 2mm] W <sub>1</sub> ×H <sub>1</sub> [+/- 2mm]
PSDC04124	12VDC (12÷15VDC)	4,0A	4×1,0A	1,0A - glass fuse / PTC	✓	230×177×52+8 234×181
PSDC08128		8,0A	8×1,0A	1,0A - glass fuse / PTC	✓	290×256×52+8 294×260
PSDC161214		14,0A	16×0,87A	1,0A - glass fuse / PTC	✓	

## Multi-output power supply units for HD cameras ~24VAC with glass fuse / PTC, with technical output of failure PSAC series

- power supply: 230VAC / 50Hz
- available models: ~24VAC / 8x0,75A or ~27VAC / 8x0,69A
- voltage adjustment range: ~24VAC or ~27VAC
- number of outputs x fuse: 8x1,0A
- jumper selectable fuse type: glass fuse / PTC
- technical outputs OC type:
  - FPS - indication of fuse failure in camera circuit
- protections:
  - SCP short circuit protection
  - OLP overload protection
  - OHP overheat protection
  - surge protection
  - antisabotage protection
- notes:
  - surface mounted enclosure, locking - bolted
- warranty: 5 years from production date



Sample product  
**PSAC08246**

Code	Output voltage	Output current	Number of outputs	Fuse type (jumper selectable fuse type)	Technical outputs	Dimensions W×H×D+D <sub>1</sub> [± 2mm] W <sub>1</sub> ×H <sub>1</sub> [± 2mm]
<b>PSAC08246</b>	24VAC or 27VAC	6,0A or 5,5A	8x0,75A or 8x0,69A	1,0A - glass fuse / PTC	✓	210x242x62+8 214x246

## Single-output power supply units for HD cameras ~24VAC in hermetic enclosure IP65, with glass fuse PSACH series

- power supply: 230VAC / 50Hz
- available models: ~24VAC / 1x4,0A or ~27VAC / 1x3,7A
- number of outputs x fuse: 1x4,0A
- fuse type:
  - glass fuse
- protections:
  - SCP short circuit protection
  - OLP overload protection
  - OHP overheat protection
  - antisabotage protection
- notes:
  - hermetic enclosure IP65, ABS
  - surface mounted enclosure, locking - bolted
- warranty: 2 years from production date



Sample product  
**PSACH01246**

Code	Output voltage	Output current	Number of outputs	Fuse type	Number of cable glands / Ø cables	Mounting dimensions W <sub>1</sub> ×H <sub>1</sub> [± 2mm]	Dimensions W×H×D [± 2mm] H <sub>2</sub> [± 2mm]
<b>PSACH01244</b>	24VAC or 27VAC	4,0A or 3,7A	1x4,0A or 1x3,7A	4,0A - glass fuse	2 pieces / 4+8mm	126x145	160x160x90 25

## Multi-output buffer power supply units for HD cameras 12VDC ( $U_{OUT}=13,8VDC$ ) with glass fuse PSDCB series

- power supply: 176÷264VAC
- available models: 13,8VDC / 9×1,0A
- battery charging current: 1A / 4A
- number of outputs × fuse: 9×1,0A
- fuse type: glass fuse
- fitting battery: 17Ah
- deep discharge battery protection - UVP
- protections:
  - SCP short circuit protection, OLP overload protection
  - OVP overvoltage protection, surge protection
  - OHP overheat protection, antisabotage protection
- notes:
  - surface mounted enclosure, locking - bolted (lock assembly possible)
- warranty: 2 years from production date



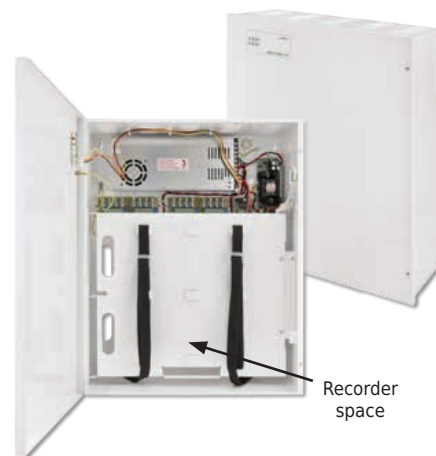
Sample product  
**PSDCB09129C**

Code	Output voltage	Total current	Number of outputs	Battery charging current	Fitting battery	Fuse type	Dimensions	
							$W \times H \times D + D_1$ [ +/- 2mm]	$W_1 \times H_1$ [ +/- 2mm]
<b>PSDCB09129C</b>	13,8VDC	11,0A	9×1,0A	1,0A / 4,0A	17Ah	1,0A - glass fuse	280×292×82+8	285×296

## Multi-output buffer power supply units for HD cameras 12VDC ( $U_{OUT}=13,8VDC$ ) and recorder 12VDC with recorder space, with glass fuse PSUPS...CR series

Enclosure construction is compliant with requirements of General Data Protection Regulation GDPR (possibility of installing two locks with different codes).

- power supply: 176÷264VAC
- available models: 13,8VDC / 8×0,75A + 12VDC / 1×4,0A  
13,8VDC / 16×0,8A + 12VDC / 1×5,0A
- battery charging current: 1A / 2A / 4A / 8A \*
- number of outputs × fuse:
  - cameras: 8×1,0A / 16×1,0A \*
  - recorder: 1×5A
- fuse type: glass fuse
- fitting battery: 17Ah / 2×17Ah \* - parallel connection
- deep discharge battery protection - UVP
- protections:
  - SCP short circuit protection, OLP overload protection
  - OVP overvoltage protection, surge protection
  - OHP overheat protection \*, antisabotage protection
- notes:
  - enclosure is fitted with a recorder space
  - surface mounted enclosure, locking - bolted
  - built-in power factor correction system (PFC) \*
  - forced cooling - built-in fan \*
- warranty: 2 years from production date
- \* depending on model



Sample product  
**PSUPS20A12CR**

Code	Circuit	Output voltage	Total current	Number of outputs	Battery charging current	Fuse type	Fitting battery	Dimensions of recorder space	Dimensions
								$W_2 \times H_2 \times D_2$ [ +/- 2mm]	$W \times H \times D + D_1$ [ +/- 2mm] $W_1 \times H_1$ [ +/- 2mm]
<b>PSUPS10A12CR</b>	cameras	13,8VDC	11A	8×0,75A	1A	1,0A - glass fuse	17Ah	380×320×65	420×535×193+14 425×540
	recorder	12VDC		1×4,0A		5,0A - glass fuse			
<b>PSUPS20A12CR</b>	cameras	13,8VDC	20A	16×0,8A	2A / 4A / 8A	1,0A - glass fuse	2×17Ah (parallel connection)	380×320×65	420×535×193+14 425×540
	recorder	12VDC		1×5,0A		5,0A - glass fuse			



**Multi-output power supply units for HD cameras 12VDC  
with glass fuse / PTC  
R series**

**RACK 19"**

- power supply: 176÷264VAC
  - available models: 12VDC / 16×0,87A
  - voltage adjustment range: 12÷15VDC
  - number of outputs × fuse: 16×1,5A
  - fuse type: glass fuse / PTC \*
  - protections:
    - SCP short circuit protection
    - OLP overload protection
    - OVP overvoltage protection
    - surge protection
  - technical output of relay type:
    - ALARM - technical output of collective failure
  - acoustic indication of failure - BUZZER
  - notes:
    - standard RACK 19" - 2U enclosure
  - warranty: 2 years from production date
- \* depending on model



Sample product  
**R812T**

Code	Output voltage	Total current	Number of outputs	Fuse type	Technical outputs of alarm	Mounting dimensions W×H×D	Dimensions W / W <sub>1</sub> / H / D [+/- 2mm] D <sub>1</sub> / D <sub>2</sub> [+/- 2mm]
<b>R1612T</b>	12VDC (12÷15VDC)	14A	16×0,87A	1,5A - glass fuse	✓	19"×2U×262	482 / 442 / 88 / 262 5 / 32
<b>R1612P</b>		14A	16×0,87A	1,5A - PTC	✓		

**Multi-output buffer power supply units for HD cameras (U<sub>OUT</sub>=13,8VDC) and recorder 12VDC  
with glass fuse / PTC  
RUPS...R series**

**RACK 19"**

- power supply: 176÷264VAC
- power supply output: 13,8VDC / 16×0,75A for CCTV cameras  
12VDC / 1×4,0A stabilized power supply of recorder
- number of outputs × fuse: 16×1A + 1×4A
- fuse type: glass fuse / PTC \*
- battery charging current: 2A
- battery: 1×17÷65Ah
- deep discharge battery protection - UVP
- protections:
  - SCP short circuit protection
  - OLP overload protection
  - OVP overvoltage protection
  - surge protection
- technical output of relay type:
  - ALARM - technical output of collective failure
- acoustic indication of failure - BUZZER
- notes:
  - standard RACK 19" - 2U enclosure
- warranty: 2 years from production date

\* depending on model



Sample product  
**RUPS1612RP**

Code	Circuit	Output voltage	Total current	Number of outputs	Battery charging current (fitting battery)	Fuse type	Technical outputs of alarm	Mounting dimensions W×H×D	Dimensions W / W <sub>1</sub> / H / D [+/- 2mm] D <sub>1</sub> / D <sub>2</sub> [+/- 2mm]
<b>RUPS1612RT</b>	cameras	13,8VDC	18A	16×0,75A	2A	1,0A - glass fuse	✓	19"×2U×267	482 / 442 / 88 / 267 32 / 10
	recorder	12VDC		1×4,0A	1×17÷65Ah	4,0A - glass fuse			
<b>RUPS1612RP</b>	cameras	13,8VDC	18A	16×0,75A	2A	1,0A - PTC	✓	19"×2U×267	482 / 442 / 88 / 267 32 / 10
	recorder	12VDC		1×4,0A	1×17÷65Ah	4,0A - glass fuse			

**Single-output buffer power supply unit for 12VDC recorders  
with glass fuse  
ROUPS...VR series**

**RACK 19"**

- power supply: 176÷264VAC
- available models: 12VDC / 1×5A – stabilized power supply of recorder
- number of outputs × fuse: 1×5A
- fuse type: glass fuse
- battery charging current: 1A
- battery: 1×7÷28Ah
- deep discharge battery protection – UVP
- protections:
  - SCP short circuit protection
  - OLP overload protection
  - OVP overvoltage protection
  - surge protection
- technical output of relay type:
  - ALARM – technical output of collective failure
- acoustic indication of failure – BUZZER
- notes:
  - standard RACK 19" – 2U enclosure
- warranty: 2 years from production date



**ROUPS12VR**

Code	Output voltage	Total current	Number of outputs	Battery charging current (fitting battery)	Fuse type	Technical outputs of alarm	Mounting dimensions W×H×D	Dimensions W / W <sub>1</sub> / H / D [± 2mm] D <sub>1</sub> / D <sub>2</sub> [± 2mm]
<b>ROUPS12VR</b>	12VDC	6A	1×5A	1A 1×7÷28Ah	5A – glass fuse	✓	19"×2U×262	482 / 442 / 88 / 262 5 / 32

**Multi-output buffer power supply units for HD cameras 12VDC (U<sub>OUT</sub>=13,8VDC)  
with glass fuse  
ROUPS + RLB series**

**RACK 19"**

- power supply: 176÷264VAC
- available models: 13,8VDC / 1×18A
- number of outputs × fuse: 1×20A
- fuse type: glass fuse
- battery charging current: 2A
- battery: 1×17÷65Ah
- deep discharge battery protection – UVP
- protections:
  - SCP short circuit protection, OLP overload protection
  - OVP overvoltage protection, surge protection
  - OHP overheat protection
- technical output of relay type:
  - ALARM – technical output of collective failure
- acoustic indication of failure – BUZZER
- notes:
  - standard RACK 19" – 2U enclosure
- warranty: 2 years from production date



**ROUPS12V**

Code	Output voltage	Total current	Number of outputs	Battery charging current (fitting battery)	Fuse type	Technical outputs of alarm	Mounting dimensions W×H×D	Dimensions W / W <sub>1</sub> / H / D [± 2mm] D <sub>1</sub> / D <sub>2</sub> [± 2mm]
<b>ROUPS12V</b>	13,8VDC	20A	1×18A	2A 1×17÷65Ah	20A – glass fuse	✓	19"×2U×262	482 / 442 / 88 / 262 5 / 32

**AUX output of power supply can be divided into 8 output using RACK strip fuses: RLB8**

## Single-output power supply units for HD cameras 12VDC enclosed (for DIN rail, bracket PSDIN1/2) PS series

- power supply: 85÷264VAC / 176÷264VAC
- impulse voltage stabilizer
- adjustable output voltage 12÷15V
- protections:
  - SCP short circuit protection
  - OLP overload protection
  - OVP overvoltage protection
  - surge protection
- warranty: 2 years from production date



Sample product  
**PS-601250**

Code	Output voltage	Voltage adjustment	Output current	Dimensions L×W×H [+/- 2mm]
<b>PS-151210</b>	12VDC	12÷15V	1,0A	85×60×37
<b>PS-251220</b>		12÷15V	2,0A	110×78×36
<b>PS-401230</b>		12÷15V	3,0A	129×98×38
<b>PS-601250</b>		12÷15V	5,0A	159×97×38
<b>PS-1001270</b>		12÷15V	7,0A	199×98×38
<b>PS-15012100</b>		12÷15V	10,0A	199×110×50
<b>PS-20012140</b>		12÷15V	14,0A	226×115×50

DIN rail mounted, PSDIN1 / PSDIN2 bracket required

### Accessories

PSDIN1 – Bracket DIN/PS/PSB1  
PSDIN2 – Bracket DIN/PS/PSB2



## Single-output power supply units for HD cameras 12VDC ( $U_{OUT}=13,8VDC$ ) enclosed (for DIN rail, bracket PSDIN1/2) PSB series

- power supply: 176÷264VAC
- impulse voltage stabilizer
- deep discharge battery protection (UVP)
- protections:
  - SCP short circuit protection
  - OLP overload protection
  - OVP overvoltage protection
  - surge protection
  - OHP overheat protection \*
- warranty: 2 years from production date

\* depending on model



Sample product  
**PSB-751250**

Code	Output voltage	Total current	Battery charging current	Dimensions L×W×H [+/- 2mm]
<b>PSB-251215</b>	13,8VDC	1,5A	0,5A	110×78×36
<b>PSB-351225</b>		2,5A	0,5A	129×98×40
<b>PSB-501235</b>		3,5A	0,5A	159×97×42
<b>PSB-751250</b>		5,0A	0,5A	
<b>PSB-1001270</b>		7,0A	1,0A / 2,0A	199×97×42
<b>PSB-15512110</b>		11,0A	1,0A / 4,0A	199×110×50
<b>PSB-30012200</b>		20,0A	2,0A / 4,0A / 8,0A	275×115×50

DIN rail mounted, PSDIN1 / PSDIN2 bracket required

### Accessories

- PSDIN1 – Bracket DIN/PS/PSB1  
PSDIN2 – Bracket DIN/PS/PSB2



## Single-output power supply units for HD cameras 12VDC ( $U_{OUT}=13,8VDC$ ) enclosed (for DIN rail, bracket PSDIN1/2) PSBOC series

- power supply: 176÷264VAC
  - impulse voltage stabilizer
  - technical outputs OC and relay type:
    - EPS – 230V power failure AC
    - PSU – power supply failure
    - LoB – low battery voltage
  - deep discharge battery protection (UVP)
  - protections:
    - SCP short circuit protection
    - OLP overload protection
    - OVP overvoltage protection
    - surge protection
    - OHP overheat protection \*
  - warranty: 2 years from production date
- \* depending on model



Sample product  
**PSBOC751250**

Code	Output voltage	Total current	Battery charging current	Technical outputs	Dimensions L×W×H [+/- 2mm]
<b>PSBOC351225</b>	13,8VDC	2,5A	0,5A	✓	129×98×67
<b>PSBOC501235</b>		3,5A	0,5A	✓	159×97×68
<b>PSBOC751250</b>		5,0A	0,5A	✓	
<b>PSBOC1001270</b>		7,0A	1,0A / 2,0A	✓	199×97×70
<b>PSBOC15512110</b>		11,0A	1,0A / 4,0A	✓	199×110×78
<b>PSBOC30012200</b>		20,0A	2,0A / 4,0A / 8,0A	✓	275×115×78

DIN rail mounted, PSDIN1 / PSDIN2 bracket required

### Accessories

- PSDIN1 – Bracket DIN/PS/PSB1  
PSDIN2 – Bracket DIN/PS/PSB2  
PKAZ108 – Optical indication



## Single-output power supply units for HD cameras 12VDC for DIN rail MDR series (Mean Well)

- power supply: 85÷264VAC / 120÷370VDC
- impulse voltage stabilizer
- adjustable output voltage 10,8÷13,2V / 12÷15V \*
- protections:
  - SCP short circuit protection
  - OLP overload protection
  - OVP overvoltage protection
  - OHP overheat protection \*
- technical outputs - tension-type / relay \*
  - DC OK output voltage OK
- warranty: 3 years from production date

\* depending on model



Sample product  
**MDR-60-12**

Code	Output voltage	Adjustable voltage	Output current	Dimensions W×H×D [mm]
<b>MDR-10-12</b>	12VDC	—	0,84A	22,5×90×100
<b>MDR-20-12</b>		10,8V÷13,2V	1,67A	22,5×90×100
<b>MDR-40-12</b>		12÷15V	3,33A	40×90×100
<b>MDR-60-12</b>		12÷15V	5A	40×90×100
<b>MDR-100-12</b>		12÷15V	7,5A	55×90×100

**As an authorized Distributor of Mean Well, we have a wide range of Mean Well products in stock.**

We offer following series of DIN rail power supplies:

DR (I and II insulation class), DRP, DRH, DRT, EDR, NDR, SDR, WDR, and HDR and others in different power and voltage versions.

## Single-output buffer power supplies for HD cameras 12VDC ( $U_{OUT}=13,8VDC$ ) for DIN rail DRC series (Mean Well)

- power supply: 90÷264VAC / 127÷370VDC
- impulse voltage stabilizer
- power supply output: 13,8VDC
- battery charging current: 1A / 1,5A / 2,5A \*
- deep discharge battery protection (UVP)
- protections:
  - SCP short circuit protection
  - OLP overload protection
  - OVP overvoltage protection
- technical outputs - tension-type / relay \*
  - AC OK – AC power failure
  - Bat. Low – low battery voltage
- warranty: 3 years from production date

\* depending on model



Sample product  
**DRC-100A**

Code	Output voltage	Output current	Battery charging current	Dimensions L×W×H [mm]
<b>DRC-40A</b>	13,8VDC	1,9A	1A	40×90×100
<b>DRC-60A</b>		2,8A	1,5A	40×90×100
<b>DRC-100A</b>		4,5A	2,5A	55×90×100

**As an authorized Distributor of Mean Well, we have a wide range of Mean Well products in stock.**

Buffer power supplies from AD, ADD, and SCP series require an additional DIN rail holder: DRP-03.

## Plug-in power supplies for HD cameras 12VDC PSA, PSD, PSR series

Code	Output voltage	Output current	LED indication	Dimensions L×W×H [mm]
PSA12005	12VDC	0,5A	✓	59×39×65
PSA12010		1,0A	—	70×29×76
PSA12015		1,5A	✓	71×46×68



Sample product  
**PSA12015**

Code	Output voltage	Output current	LED indication	Dimensions L×W×H [mm]
PSD12010	12VDC	1,0A	✓	65×36×30
PSD12020		2,0A	✓	86×50×32
PSD12030		3,0A	✓	107×48×33
PSD12050		5,0A	✓	116×54×35
PSD12070		7,0A	✓	175×72×45



Sample product  
**PSD12050**

Code	Output voltage	Output current	LED indication	Dimensions L×W×H [mm]
PSR12012	12VDC (12÷15V)	1,2A	✓	78×48×35



Sample product  
**PSR12012**

## Power supply units for HD cameras 12VDC, 13,8VDC in hermetic enclosure IP67, epoxy encapsulated PSC, PSCL series

Code	Output voltage	Output current	Notes	Dimensions L×W×H [mm]
PSC12010	12VDC	1,0A	DC output - JACK plug - DC 5.5/2.1 female	48×50×25
PSC12015		1,5A		58×58×28
PSC13008	13,8VDC	0,8A	—	48×50×25



Sample product  
**PSC12010**

Code	Output voltage	Output current	Dimensions L×W×H [mm]
PSCL12015	12VDC	1,5A	69×44×29
PSCL12020		2,0A	86×50×34
PSCL12030		3,0A	135×50×33
PSCL12050		5,0A	150×56×34



Sample product  
**PSCL12050**

## Accessories for CCTV - HD

### Enclosures for CCTV recorders

#### Horizontal

Housing construction is compliant with requirements of General Data Protection Regulation (GDPR), as personal data must be protected and stored securely.

Enclosures protect recorder against unauthorized access or theft. Enclosures are made of 1mm thickness steel. Equipped with two locks (different code); two keys for each lock plus a tamper switch indicating enclosure opening. Due to vertical installation and low depth, they are ideal for places where enclosures of large dimensions, such as cabinets type RACK 19", cannot be installed.

After opening enclosures, an easy access to buttons on front panel of recorder is provided. Wiring in rear side of recorder can also be easily accessed. To do that, simply remove upper part of enclosure. They are possible to mount enclosures under tabletop using appropriate handles (available as accessory).



Sample product  
**AWO447**

Code	Bracket	Possibility of mounting ARAW45	External dimensions of enclosure: W×H+H <sub>3</sub> ×D [± 2mm]	External dimensions of front panel: W <sub>1</sub> ×H <sub>1</sub> [± 2mm]	Dimensions of recorder space: W <sub>2</sub> ×H <sub>2</sub> ×D <sub>2</sub> [± 2mm]
<b>AWO445</b>	AWO445BR	✓	400×100+20×305	405×110	355×90×235
<b>AWO447</b>		✓	400×100+20×432		355×90×360
<b>AWO483</b>	AWO483BR	✓	500×100+20×405	505×110	455×90×335
<b>AWO471</b>	AWO471BR	✓	550×125+20×575	555×135	505×115×505

#### Accessories



AWO445BR – Bracket DVR/SMALL  
AWO483BR – Bracket DVR/MEDIUM  
AWO471BR – Bracket DVR/BIG



ARAW45 – Fan with temperature sensor 45°C

## Accessories for CCTV - HD

### Enclosures for CCTV recorders

#### Vertical

Housing construction is compliant with requirements of General Data Protection Regulation (GDPR), as personal data must be protected and stored securely.

Enclosures protect recorder against unauthorized access or theft. Enclosures are made of 1mm thickness steel. Equipped with two locks (different code); two keys for each lock plus a tamper switch indicating enclosure opening and unwanted removal of enclosure from wall. Due to vertical installation and low depth, they are ideal for places where deeper enclosures or cabinets RACK 19" type cannot be installed.

After opening enclosures, front cover are held in horizontal position, providing easy access to buttons on front panel of recorder.



Sample product  
**AWO529 / AWO529W**

Code	Colour	Possibility of mounting ARAW45	External dimensions of enclosure: W×H×D+D <sub>2</sub> [± 2mm]	Dimensions of recorder space: W <sub>1</sub> ×H <sub>1</sub> ×D <sub>1</sub> [± 2mm]
<b>AWO528</b>	RAL9005 (black matt)	—	320 × 430 × 82+14	260 × 250 × 55
<b>AWO528W</b>	RAL9003 (white)	—	320 × 430 × 82+14	260 × 250 × 55
<b>AWO529</b>	RAL9005 (black matt)	—	435 × 500 × 121+14	375 × 335 × 95
<b>AWO529W</b>	RAL9003 (white)	—	435 × 500 × 121+14	375 × 335 × 95
<b>AWO530</b>	RAL9005 (black matt)	✓	535 × 650 × 121+14	470 × 485 × 95
<b>AWO530W</b>	RAL9003 (white)	✓	535 × 650 × 121+14	470 × 485 × 95

#### Accessories



**ARAW45**  
Fan with temperature sensor 45°C

## Accessories for CCTV - HD

### Housing for switch and monitor

### Vertical - housing for monitor

Housing construction is compliant with requirements of General Data Protection Regulation (GDPR), as personal data must be protected and stored securely.

Housing protects recorder/monitor/switch against unauthorized access or theft. Enclosure is made of steel with a thickness of 1,2mm. Set includes: two locks (different code), two keys/each lock, mounting plate for monitor, RACK brackets - 4U, stripes for mounting recorder, tamper switch indicating enclosure opening, screws (RAS4 - 2pcs, M4x10 - 4 pcs).

Can be mounted in enclosure:

- switches of S ... and SG series - back of housin
- RACK switches of SF, RS, and RSFUPS series - RACK brackets
- patch panel - RACK 19" brackets
- recorder - back enclosure
- monitor (max 22") - hinged mounting plate
- batteries



**AWO531W**

Code	Colour	Possibility of mounting ARAW45	External dimensions of enclosure: W×H×D+D <sub>1</sub> [+/- 2mm]	Dimensions of recorder space: W <sub>2</sub> ×H <sub>2</sub> ×D <sub>2</sub> [+/- 2mm]
<b>AWO531W</b>	RAL9003 (white)	✓	589×650×261+14	480×400×180

#### Accessories



**ARAW45**

Fan with temperature sensor 45°C



**ML572**

Extension lead with switch and grounding 4 sockets

## Accessories for CCTV - HD

More information at [www.pulsar.pl](http://www.pulsar.pl)



**Transmitters**



**Signal converter**



**JACK Reductions 5.5/2.1**



**Power adapter, Splitters**



**Voltage converters DCDC**



**Fuse modules  
Protection modules**



**Transformers ~24VAC**



**Patch panel frames**



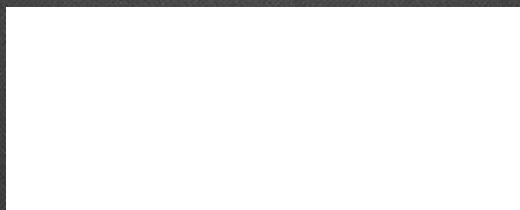
**Battery controllers**











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