



## PoE switches



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1 Gb/s

SFP



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## PoE switches for IP cameras with power supply S series

- supports devices compliant with IEEE 802.3af / at standard
- 10/100 Mb/s and 1 Gb/s ports \*
- PoE ports - data transfer and power supply
- Long Range mode: STANDARD - 100m/100 Mb/s or EXTEND - 250m/10 Mb/s \*
- 30W for each PoE port - 52VDC (PoE+)
- UPLINK ports: 2 - for recorder / switch / computer installation
- desktop type power supply supplied with switch \*
- additional mounting elements:
  - mounting brackets \*
  - mounting brackets for RACK 19" \*
- warranty: 2 years from production date

\* depending on model



Sample product  
**S108**

Code	Number of ports: PoE	Tryb Long Range 100 Mb/s - up to 100m 10 Mb/s - up to 250m	Number of ports: UPLINK	Power supply	Mounting brackets / Mounting bracket for RACK 19"	Dimensions W×H×D [±2 mm]
<b>S64</b>	4 - 100 Mb/s	✓	2 - 100 Mb/s	52VDC / 1,15A desktop	✓ / -	118×28×85
<b>S108-90W</b>	8 - 100 Mb/s	✓		52VDC / 1,75A desktop	✓ / -	190×28×105
<b>S108</b>		✓		52VDC / 2,3A desktop	✓ / -	
<b>S124</b>	24 - 100 Mb/s	✓ (ports 17÷24)	2 - 1 Gb/s	230VAC	- / ✓	330×44×204

## PoE switches for IP cameras with power supply SG series

**1 Gb/s**

- supports devices compliant with IEEE 802.3af / at standard
- 1 Gb/s ports
- PoE ports - data transfer and power supply
- 30W for each PoE port - 52VDC (PoE+)
- UPLINK ports: 2 - for recorder / switch / computer installation
- desktop type power supply supplied with switch
- additional mounting elements:
  - mounting brackets
- warranty: 2 years from production date

\* depending on model



Sample product  
**SG108**

Code	Number of ports: PoE	Number of ports: UPLINK	Power supply	Mounting brackets	Dimensions W × H × D [±2mm]
<b>SG64</b>	4 - 1 Gb/s	2 - 1 Gb/s	52VDC / 1,15A desktop	✓	118 × 28 × 85
<b>SG108</b>	8 - 1 Gb/s	8 - 1 Gb/s	52VDC / 2,3A desktop	✓	190 × 27 × 105
<b>SG108-90W</b>	8 - 1 Gb/s	8 - 1 Gb/s	52VDC / 1,75A desktop	✓	190 × 27 × 105

## PoE switches for IP cameras with power supply, with SFP sockets SF series

**SFP**  
(Combo)

- supports devices compliant with IEEE 802.3af / at standard
- 10/100 Mb/s and 1 Gb/s ports
- PoE ports - data transfer and power supply
- 30W for each PoE port - 52VDC (PoE+)
- UPLINK ports: 2 - for recorder / switch / computer installation
- desktop type power supply supplied with switch \*
- additional mounting elements:
  - mounting brackets \*
  - mounting brackets for RACK 19"
- warranty: 2 years from production date



Sample product  
**SF116**

\* depending on model

Code	Number of ports: RJ45	UPLINK (combo)		Power supply	Mounting brackets /	Mounting bracket for RACK 19"	Dimensions W x H x D [±2mm]
		RJ45 ports	SFP ports				
<b>SF108</b>	8 - 100 Mb/s	2 - 1 Gb/s	2 - 1 Gb/s	52VDC / 2,3A desktop	✓ / ✓	220 x 44 x 150	
<b>SF108-90W</b>	8 - 100 Mb/s			52VDC / 1,75A desktop	✓ / ✓		
<b>SF116</b>	16 - 100 Mb/s			230VAC	- / ✓		
<b>SF124</b>	24 - 100 Mb/s		2 - 1 Gb/s	230VAC	- / ✓		442 x 44 x 224

## PoE switches for IP cameras with power supply, in hermetic enclosure – IP56 S...H, SG...H series

- supports devices compliant with IEEE 802.3af / at standard
- 10/100 Mb/s and 1 Gb/s \*
- PoE ports - data transfer and power supply
- Long Range mode: STANDARD - 100m/100 Mb/s or EXTEND - 250m/10 Mb/s \*
- 30W for each PoE port - 52VDC (PoE+)
- UPLINK ports: 2 - for recorder / switch / computer installation
- desktop type hermetic power supply supplied with switch
- hermetic enclosure - IP56
- warranty: 1 year from the production date



Sample product  
**SG64H**

\* depending on model

Code	Number of ports: PoE	Tryb Long Range 100 Mb/s - up to 100m 10 Mb/s - up to 250m	Number of ports: UPLINK	Power supply	Number of cable glands / Ø cables	Dimensions WxHxD [+/- 2mm]
<b>S64H</b>	4 - 100 Mb/s	✓	2 - 100 Mb/s	52VDC / 1,15A desktop	6 pieces / 4÷8mm	146x196x78
<b>SG64H</b>	4 - 1 Gb/s	—	2 - 1 Gb/s		1 pieces / 10÷14mm	146x196x78

Accessories:



**OZB2**  
Pole mount bracket  
OZB2

## PoE switches for IP cameras with power supply unit in metal enclosure S...-C, SG...-C, SF...-C series

- supports devices compliant with IEEE 802.3af / at standard
- 10/100 Mb/s and 1 Gb/s ports \*
- PoE ports - data transfer and power supply
- Long Range mode: STANDARD - 100m/100 Mb/s or EXTEND - 250m/10 Mb/s \*
- 30W for each PoE port - 52VDC (PoE+)
- UPLINK ports: 2 - for recorder / switch / computer installation
- surface mounted enclosure, locking: bolted x 1
- 14mm distance (removable) from mounting surface
- warranty: 2 years from production date

\* depending on model



Sample product  
**SG108-C**

Code	Number of ports: PoE	Tryb Long Range 100 Mb/s - up to 100m 10 Mb/s - up to 250m	UPLINK (Combo)		Dimensions W×H×D+D <sub>1</sub> [± 2mm] W <sub>1</sub> ×H <sub>1</sub> [± 2mm]
			ports RJ45	sockets SFP	
<b>S64-C</b>	4 - 100 Mb/s	✓	2 - 100 Mb/s	—	275×281×102+14 280×285
<b>S108-C</b>	8 - 100 Mb/s	✓		—	
<b>SG64-C</b>	4 - 1 Gb/s	—	2 - 1 Gb/s	—	
<b>SG108-C</b>	8 - 1 Gb/s	—		—	
<b>SF108-C</b>	8 - 100 Mb/s	—		2 - 1 Gb/s	
<b>SF116-C</b>	16 - 100 Mb/s	—			525×540×72+14 530×545

## PoE switches for IP cameras with power supply unit in metal enclosure and recorder space S...-CR, SG...-CR, SF...-CR series

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

- supports devices compliant with IEEE 802.3af / at standard
- 10/100 Mb/s and 1 Gb/s ports \*
- PoE ports - data transfer and power supply
- Long Range mode: STANDARD - 100m/100 Mb/s or EXTEND - 250m/10 Mb/s \*
- 30W for each PoE port - 52VDC (PoE+)
- UPLINK ports: 2 - for recorder / switch / computer installation
- surface mounted enclosure, locking: bolted x 2 (lock assembly possible)
- 14mm distance (removable) from mounting surface
- space and straps for mounting recorder
- enclosure is fitted with 230VAC socket for recorder's power supply
- provides additional space for installation of recorder's power supply
- warranty: 2 years from production date

\* depending on model



Sample product  
**SG108-CR**

Code	Number of ports: PoE	Tryb Long Range 100 Mb/s - up to 100m 10 Mb/s - up to 250m	UPLINK (Combo)		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]
			ports RJ45	sockets SFP		
<b>S64-CR</b>	4 - 100 Mb/s	✓	2 - 100 Mb/s	—	400×345×95	432×607×102+14 437×612
<b>S108-CR</b>	8 - 100 Mb/s	✓		—		
<b>SG108-CR</b>	8 - 1 Gb/s	—	2 - 1 Gb/s	—		
<b>SF108-CR</b>	8 - 100 Mb/s	—		2 - 1 Gb/s		
<b>SF116-CR</b>	16 - 100 Mb/s	—				
					400×345×80	525×540×165+14 530×545

## PoE switches for IP cameras with buffer power supply unit S...-B, SG...-B, SF...-B series

- supports devices compliant with IEEE 802.3af / at standard
- 10/100 Mb/s and 1 Gb/s ports \*
- PoE ports - data transfer and power supply
- Long Range mode: STANDARD - 100m/100 Mb/s or EXTEND - 250m/10 Mb/s \*
- 30W for each PoE port - 52VDC / 54VDC \* (PoE+)
- UPLINK ports: 2 - for recorder / switch / computer installation
- enclosure is fitted with space for 7Ah, 17Ah, 2x17Ah, 4x7Ah battery \*
- surface mounted enclosure, locking: bolted x 2 (lock assembly possible)
- 8mm / 14mm distance (removable) from mounting surface \*
- warranty: 2 years from production date

\* depending on model



Sample product  
**SF108-B**

Code	Number of ports: PoE	Tryb Long Range 100 Mb/s - up to 100m 10 Mb/s - up to 250m	UPLINK (Combo)		Fitting battery	Battery charging current	Dimensions W×H×D+D <sub>1</sub> [ +/- 2mm] W <sub>1</sub> ×H <sub>1</sub> [ +/- 2mm]
			ports RJ45	sockets SFP			
<b>S64-B</b>	4 - 100 Mb/s	✓	2 - 100 Mb/s	—	7Ah	0,5A	280×291×82+8 285×295
<b>S64-B17</b>		✓		—	17Ah		397×350×92+8 402×355
<b>S108-B</b>		✓		—	2×17Ah		280×291×82+8 285×295
<b>SG64-B</b>	4 - 1 Gb/s	—	2 - 1 Gb/s	—	7Ah		280×291×82+8 285×295
<b>SG108-B</b>	8 - 1 Gb/s	—		—	2×17Ah		397×350×92+8 402×355
<b>SF108-B</b>	8 - 100 Mb/s	—		2 - 1 Gb/s	4×7Ah		420×364×117+14 425×369
<b>SF116-B</b>	16 - 100 Mb/s	—					525×540×72+14 530×545

## PoE switches for IP cameras and NVR with buffer power supply unit S...-BR, SG...-BR, SF...-BR series

- supports devices compliant with IEEE 802.3af / at standard
- 10/100 Mb/s and 1 Gb/s \*
- PoE ports - data transfer and power supply
- Long Range mode: STANDARD - 100m/100 Mb/s or EXTEND - 250m/10 Mb/s \*
- 30W for each PoE port - 52VDC (PoE+)
- UPLINK ports: 2 - for recorder / switch / computer installation
- enclosure is fitted with space for 2x17Ah battery
- surface mounted enclosure, locking: bolted x 2 (lock assembly possible)
- 8mm / 14mm distance (removable) from mounting surface
- output dedicated to supply recorder - 12VDC / 5A
- warranty: 2 years from production date

\* depending on model



Sample product  
**SF108-BR**

Code	Number of ports: PoE	Tryb Long Range 100 Mb/s - up to 100m 10 Mb/s - up to 250m	UPLINK (Combo)		Fitting battery	Battery charging current	Recorder power supply	Dimensions W×H×D+D <sub>1</sub> [ +/- 2mm] W <sub>1</sub> ×H <sub>1</sub> [ +/- 2mm]
			ports RJ45	sockets SFP				
<b>S64-BR</b>	4 - 100 Mb/s	✓	2 - 100 Mb/s	—	2×17Ah	0,5A	12VDC/5A	397×350×92+8 402×355
<b>S108-BR</b>	8 - 100 Mb/s	✓	2 - 100 Mb/s	—	2×17Ah	1,0A	12VDC/5A	
<b>SG108-BR</b>	8 - 1 Gb/s	—	2 - 1 Gb/s	—	2×17Ah	1,0A	12VDC/5A	
<b>SF108-BR</b>	8 - 100 Mb/s	—		2 - 1 Gb/s	2×17Ah	1,0A	12VDC/5A	420×364×117+14 425×369

**PoE switches for IP cameras and NVR  
with buffer power supply unit  
with recorder space  
S...-CRB, SG...-CRB, SF...-CRB series**

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

- supports devices compliant with IEEE 802.3af / at standard
- 10/100 Mb/s and 1 Gb/s ports \*
- PoE ports - data transfer and power supply
- Long Range mode: STANDARD - 100m/100 Mb/s or EXTEND - 250m/10 Mb/s \*
- 30W for each PoE port - 52VDC / 54VDC \* (PoE+)
- UPLINK ports: 2 - for recorder / switch / computer installation
- enclosure is fitted with space for 2x17Ah, 4x17Ah battery
- surface mounted enclosure, locking: bolted x 2 (lock assembly possible)
- 14mm distance (removable) from mounting surface
- output dedicated to supply recorder - 12VDC / 5A, 12VDC / 4A \*
- space and straps for mounting recorder
- warranty: 2 years from production date



Sample product  
**SF108-CRB**

\* depending on model

Code	Number of ports: PoE	Tryb Long Range 100 Mb/s - up to 100m 10 Mb/s - up to 250m	UPLINK (Combo)		Fitting battery	Battery charging current	Recorder power supply	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]
			ports RJ45	sockets SFP					
<b>S64-CRB</b>	4 - 100 Mb/s	✓	2 - 100 Mb/s	—	2×17Ah	0,5A	12VDC/5A	380×320×65	421×535×193+14
<b>S108-CRB</b>	8 - 100 Mb/s	✓		—	2×17Ah	1,0A	12VDC/5A		
<b>SG108-CRB</b>	8 - 1 Gb/s	—	2 - 1 Gb/s	—	2×17Ah	1,0A	12VDC/5A		
<b>SF108-CRB</b>	8 - 100 Mb/s	—		2 - 1 Gb/s	2×17Ah	1,0A	12VDC/5A		
<b>SF116-CRB</b>	16 - 100 Mb/s	—			4×17Ah	0,5A	12VDC/4A	400×345×80	525×680×165+14



## PoE switches for IP cameras with power supply desktop, with SFP sockets \* S, SF series

**RACK 19"**

- supports devices compliant with IEEE 802.3af / at standard
- 10/100 Mb/s and 1 Gb/s ports \*
- PoE ports - data transfer and power supply
- Long Range mode: STANDARD - 100m/100 Mb/s or EXTEND - 250m/10 Mb/s \*
- 30W for each PoE port - 52VDC (PoE+)
- UPLINK ports: 2 - for recorder / switch / computer installation
- desktop type power supply supplied with switch \*
- standard RACK 19" / 1U
- additional mounting elements: mounting brackets for RACK 19"
- warranty: 2 years from production date

\* depending on model



Sample product  
**SF116**

Code	Number of ports: PoE	Tryb Long Range 100 Mb/s - up to 100m 10 Mb/s - up to 250m	UPLINK (Combo)		Power supply	Mounting dimensions W×H×D (mounting brackets for RACK 19")	Dimensions W / W <sub>1</sub> / H / D [±/- 2mm]
			ports RJ45	sockets SFP			
<b>S124</b>	24 - 100 Mb/s	✓ (ports: 17÷24)	2 - 1 Gb/s	—	230VAC	19"×1U×204	486 / 330 / 44 / 204
<b>SF108-90W</b>	8 - 100 Mb/s	—		2 - 1 Gb/s	52VDC / 1,75A desktop	19"×1U×150	482 / 220 / 44 / 150
<b>SF108</b>		—			52VDC / 2,3A desktop	19"×1U×150	
<b>SF116</b>	16 - 100 Mb/s	—		230VAC	19"×1U×224	482 / 442 / 44 / 224	
<b>SF124</b>	24 - 100 Mb/s	—		230VAC	19"×1U×224	486 / 442 / 44 / 224	

## PoE switches for IP cameras with power supply RS, RSG, RSF series

**RACK 19"**

- supports devices compliant with IEEE 802.3af / at standard
- 10/100 Mb/s and 1 Gb/s ports \*
- PoE ports - data transfer and power supply
- Long Range mode: STANDARD - 100m/100 Mb/s or EXTEND - 250m/10 Mb/s \*
- 30W for each PoE port - 52VDC / 44÷57VDC \* (PoE+)
- UPLINK ports: 2 - for recorder / switch / computer installation
- desktop type power supply supplied with switch \*
- standard RACK 19" - 1U / 2U \*
- warranty: 2 years from production date

\* depending on model



Sample product  
**RSF108**

Code	Number of ports: PoE	Tryb Long Range 100 Mb/s - up to 100m 10 Mb/s - up to 250m	UPLINK (Combo)		Power supply	Mounting dimensions W×H×D	Dimensions W / W <sub>1</sub> / H / D / D <sub>1</sub> [±/- 2mm]
			ports RJ45	sockets SFP			
<b>RS64</b>	4 - 100 Mb/s	✓	2 - 100 Mb/s	—	230VAC	19"×1U×227	482 / 440 / 44 / 227 / -
<b>RS108</b>	8 - 100 Mb/s	✓		—	230VAC		
<b>RSG64</b>	4 - 1 Gb/s	—	—	230VAC			
<b>RSG108</b>	8 - 1 Gb/s	—	—	230VAC			
<b>RSF108</b>	8 - 100 Mb/s	—	2 - 1 Gb/s	230VAC	19"×2U×227		
<b>RSF116</b>	16 - 100 Mb/s	—		44÷57VDC	19"×1U×200	483 / 446 / 44 / 200 / 15	

## PoE switches with buffer power supply for IP cameras RSUPS, RSGUPS, RSFUPS series

**RACK 19"**

- supports devices compliant with IEEE 802.3af / at standard
- 10/100 Mb/s and 1 Gb/s ports \*
- PoE ports – data transfer and power supply
- Long Range mode: STANDARD – 100m/100 Mb/s or EXTEND – 250m/10 Mb/s \*
- 30W for each PoE port – 52VDC / 54VDC \* (PoE+)
- UPLINK ports: 2 – for recorder / switch / computer installation
- technical output ALARM relay C/NO/NC
- acoustic indication of failure – BUZZER
- buffer power supply included
- connectors for external battery connection
- standard RACK 19" / 2U
- warranty: 2 years from production date



Sample product  
**RSFUPS108**

\* depending on model

Code	Number of ports: PoE	Tryb Long Range 100 Mb/s - up to 100m 10 Mb/s - up to 250m	UPLINK (Combo)		Battery charging current	Technical output of alarm	Mounting dimensions W×H×D	Dimensions W / W <sub>1</sub> / H / D / D <sub>1</sub> / D <sub>2</sub> [+/- 2mm]
			ports RJ45	sockets SFP				
<b>RSUPS108</b>	8 - 100 Mb/s	✓	2 - 100 Mb/s	—	0,5A (2×7÷17Ah)	✓	19"×2U×307	482 / 442 / 88 / 307 / 32 / 10
<b>RSGUPS108</b>	8 - 1 Gb/s	—	2 - 1 Gb/s	—	0,5A (2×7÷17Ah)	✓	19"×2U×368	482 / 442 / 88 / 368 / 32 / 10
<b>RSFUPS108</b>	8 - 100 Mb/s	—		2 - 1 Gb/s	0,5A (2×7÷17Ah)	✓		
<b>RSFUPS116</b>	16 - 100 Mb/s	—		0,5A (4×7÷17Ah)	✓	19"×2U×348	482 / 446 / 88 / 348 / 32 / 15	

## PoE switches with buffer power supply for IP cameras and NVR – 12VDC RSUPS...R, RSGUPS...R, RSFUPS...R series

**RACK 19"**

- supports devices compliant with IEEE 802.3af / at standard
- 10/100 Mb/s and 1 Gb/s ports \*
- PoE ports – data transfer and power supply
- Long Range mode: STANDARD – 100m/100 Mb/s or EXTEND – 250m/10 Mb/s \*
- 30W for each PoE port – 52VDC / 54VDC \* (PoE+)
- UPLINK ports: 2 – for recorder / switch / computer installation
- technical output ALARM relay C/NO/NC
- acoustic indication of failure – BUZZER
- buffer power supply included
- connectors for external battery connection
- standard RACK 19" / 2U
- output dedicated to supply recorder – 12VDC / 4A
- warranty: 2 years from production date



Sample product  
**RSFUPS108R**

\* depending on model

Code	Number of ports: PoE	Tryb Long Range 100 Mb/s - up to 100m 10 Mb/s - up to 250m	UPLINK (Combo)		Battery charging current	Technical outputs of alarm	Recorder power supply	Mounting dimensions W×H×D	Dimensions W / W <sub>1</sub> / H / D / D <sub>1</sub> / D <sub>2</sub> [+/- 2mm]
			ports RJ45	sockets SFP					
<b>RSUPS108R</b>	8 - 100 Mb/s	✓	2 - 100 Mb/s	—	1,0A (2×7÷28Ah)	✓	12VDC / 4A	19"×2U×307	482 / 442 / 88 / 307 / 32 / 10
<b>RSGUPS108R</b>	8 - 1 Gb/s	—	2 - 1 Gb/s	—	1,0A (2×7÷28Ah)	✓	12VDC / 4A		
<b>RSFUPS108R</b>	8 - 100 Mb/s	—		1,0A (2×7÷28Ah)	✓	12VDC / 4A	19"×2U×368	482 / 442 / 88 / 368 / 32 / 10	
<b>RSFUPS116R</b>	16 - 100 Mb/s	—		0,5A (4×7÷17Ah)	✓	12VDC / 4A	19"×2U×348	482 / 446 / 88 / 348 / 32 / 15	

## PoE power supply units – 48VDC – RJ45 RP series

**RACK 19"**

- power supply: 176÷264VAC
- available models: 48VDC / 8 × 0.3A  
48VDC / 16 × 0.3A
- number of outputs × fuse: RJ45 8 × 0.5A / RJ45 16 × 0.5A \*
- fuse type: 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
  - designed for 10Mbit/s and 100Mbit/s network
  - not compliant with IEEE 802.3af standard
- warranty: 2 years from production date



Sample product  
**RP848**

\* depending on model

Code	Output voltage	Total current	Number of outputs: RJ45	Fuse type	Technical output	Mounting dimensions W × H × D
RP848	48VDC	2,5A	8 × 0,3A	0,5A – PTC	✓	19" × 2U × 267
RP1648		5,0A	16 × 0,3A	0,5A – PTC	✓	

## PoE buffer power supply unit – 54VDC (RJ45) + 12VDC / 4A (for up to 12 IP cameras and NVR) RPUPS...R series

**RACK 19"**

- power supply: 176÷264VAC
- power supply output: 54VDC / 12×0,3A to supply IP cameras – RJ45  
12VDC / 1×4,0A to supply recorder
- number of outputs × fuse: 12×0.5A+1×5A
- fuse type: PTC
- battery charging current: 0.5A
- batteries: 4 × 7÷17Ah
- 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
  - designed for 10Mbit/s and 100Mbit/s network
  - not compliant with IEEE 802.3af standard
- warranty: 2 years from production date



**RPUPS1248R**

Code	Circuit	Output voltage	Total current	Number of outputs	Battery charging current	Fuse type	Technical output	Mounting dimensions W × H × D
RPUPS1248R	cameras	54VDC	5A (54VDC)	12 × 0,3A – RJ45	0,5A (4 × 7÷17Ah)	0,5A – PTC	✓	19"×2U×267
	recorder	12VDC		1 × 4,0A		5A – PTC		

## Desktop type power supplies – 24VDC / 48VDC / 52VDC PSP series

- power supply outputs: 24VDC/1,0A – PoE/RJ45  
48VDC/0,5A – PoE/RJ45  
52VDC/0,3A – PoE/RJ45
- power supply: 90÷264VAC
- compliance with IEEE 802.3 af standard \*
- LED optical signalization
- protections:
  - SCP short circuit protection \*
  - OLP overload protection
  - overvoltage protection (AC input)
- notes:
  - designed for 10Mb/s and 100 Mb/s network
- warranty: 2 years from production date

\* depending on model



Sample product  
**PSP52003**

Code	Supply voltage	Compliance with IEEE 802.3 af standard	Output voltage	Output current	Supply power	Cable length	Dimensions L x W x H [±2mm]
<b>PSP24010</b>	90÷264VAC	—	24VDC	1,0A	24W	1,0m	119 x 61 x 38
<b>PSP48005</b>	90÷264VAC	—	48VDC	0,5A	24W	1,0m	
<b>PSP52003</b>	90÷264VAC	✓	52VDC	0,3A	15,4W	1,2m	

## Accessories CCTV - IP

### PoE extender

- PoE input: PoE IN – compliant with IEEE802.3af / at
- PoE output: PoE OUT – compliant with IEEE802.3af \*
- increases Ethernet and PoE power range by 100 meters
- power supply supports both 10/100 Mb/s networks
- LED optical signalization
- protections:
  - SCP short circuit protection
  - surge protection (PoE input)
  - OLP overload protection
- warranty: 2 years from production date



Sample product  
**EXT-PoE3**

\* depending on model

Code	Additional power input	RJ45 input / compliant with IEEE802.3af / at	RJ45 input / compliant with IEEE802.3af	Output power	Dimensions W x H x D [±2mm]
<b>EXT-POE1</b>	—	PoE IN / compliant	PoE OUT / compliant	15,4W	81 x 77 x 26
<b>EXT-POE2</b>	—	PoE IN / compliant	PoE OUT1 / compliant PoE OUT2 / compliant	15,4W / port (Σ =20W)	
<b>EXT-POE3</b>	—	PoE IN / compliant	PoE OUT1 / compliant PoE OUT2 / compliant PoE OUT3 / not compliant	30W / port (OUT1/2) 15,4W / port (OUT3) (Σ =30W)	
<b>EXT-POE4</b>	DC IN 44÷57VDC	PoE IN / compliant	PoE OUT1 / not compliant PoE OUT2 / not compliant	15,4W / port (Σ =20W)	

## Accessories CCTV - IP

### PoE extender in hermetic enclosure – IP56

- PoE input: PoE IN – compliant with IEEE802.3af / at
- PoE output: PoE OUT – compliant with IEEE802.3af \*
- increases Ethernet and PoE power range by 100 meters
- power supply supports both 10/100 Mb/s networks
- LED optical signalization
- protections:
  - SCP short circuit protection
  - surge protection (PoE input)
  - OLP overload protection
- notes:
  - hermetic enclosure IP56
  - UV resistance
- warranty: 1 year from production date



Sample product  
**EXT-PoE1H**

\* depending on model

Accessories:



**OZB2**  
Pole mount bracket OZB2

Code	Additional power input	RJ45 input / compliant with IEEE802.3af / at	RJ45 input / compliant with IEEE802.3af	Output power	Number of cable glands / Cable cross section	Dimensions W x H x D [±2mm]
<b>EXT-POE1H</b>	—	PoE IN / compliant	PoE OUT / compliant	15,4W	4pcs / 6÷13mm	148 x 198 x 78
<b>EXT-POE2H</b>	—	PoE IN / compliant	PoE OUT1 / compliant PoE OUT2 / compliant	15,4W / port (Σ =20W)		
<b>EXT-POE3H</b>	—	PoE IN / compliant	PoE OUT1 / compliant PoE OUT2 / compliant PoE OUT3 / not compliant	20W / port (OUT1/2) 15,4W / port (OUT3) (Σ =30W)		
<b>EXT-POE4H</b>	DC IN 44÷57VDC	PoE IN / compliant	PoE OUT1 / not compliant PoE OUT2 / not compliant	15,4W / port (Σ =20W)		

## Accessories CCTV - IP

### 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 - IP

### 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 CCTV - IP

### Enclosure for switch and monitor

#### Vertical - enclosure for switch and 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



**AW0531W**

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]
AW0531W	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 CCTV - IP

### SFP GBIC modules

Code	Fiber type	Optical connector type	Wavelength Tx/Rx	Transmission range	Transmission speed
GBIC-101	SM	2×LC	1310nm / 1310nm	20km	1,25Gb/s
GBIC-102	MM	2×LC	1310nm / 1310nm	2km	1,25Gb/s
GBIC-103	SM	1×SC	1310nm / 1550nm	20km	1,25Gb/s
GBIC-104	SM	1×SC	1550nm / 1310nm	20km	1,25Gb/s
GBIC-105	SM	1×LC	1310nm / 1550nm	20km	1,25Gb/s
GBIC-106	SM	1×LC	1550nm / 1310nm	20km	1,25Gb/s



Sample product  
**GBIC-101**

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



**PoE modules**



**Adapters, Splitters**



**Patch panels**



**Patch panel frames**



**Desktop type power supplies**



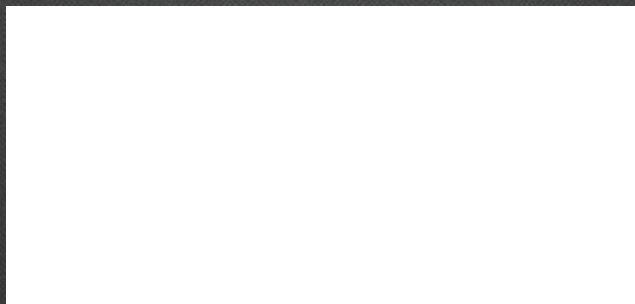
**Metal clamp**



**Enclosed power supply units**



**Battery controllers**



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