

# **Equipment** for IP cameras



#### **Table of contents**

#### **PoE** switches

**PoE** switches for IP cameras Page 2

S series

SG series SF series SFG series SFG10F8 series ISFG, ISF series 1 Gb/s SFP





Page 5 PoE switches for IP cameras - RACK 19"

S, SF series



Page 5 PoE switches for IP cameras - without power supply unit

S...WP, SG...WP, SF...WP, SFG...WP series



Page 6 Power supply systems for PoE switches

SWS, SWB, SWB...RACK series



Page 7 PoE switches for IP cameras in IP56 hermetic enclosure,

hermetic power supply

S...H, SG...H series



#### PoE power supply unit

PoE desktop type power supplies 48VDC / 54VDC Page 7

**PSP** series



#### **Accessories CCTV for IP cameras**

Page 8 **Extenders** 

EXT... series

EXT...H series in hermetic enclosure IP56



Page 9 **Enclosures for CCTV recorder** 

> Horizontal Vertical

Vertical - with space for monitor



Page 10 SFP modules - GBIC



Page 10 **Accessories** 

#### **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:
  - o mounting brackets \*
  - mounting brackets for RACK 19" \*
- warranty: 2 years from production date
- \* depending on model



Sample product **S108** 

Code	Number of ports: PoE	Long Range mode 100 Mb/s - up to 100m 10 Mb/s - up to 250m	Number of ports: UPLINK	Power supply	Brackets for Mounting mounting to / brackets for surface RACK 19"	Dimensions W×H×D [+/- 2mm]
S64	4 - 100 Mb/s	√ (ports: 1÷4)		52VDC / 60W desktop	<b>√</b> / −	118×28×85
S108-90W	8 - 100 Mb/s	✓ (ports: 1÷8)	2 - 100 Mb/s	52VDC / 90W desktop	<b>√</b> / −	100,420,4105
S108	0 - 100 MD/S	√ (ports: 1÷8)		52VDC / 120W desktop	✓ / -	190×28×105
S116	16 - 100 Mb/s		2 - 1 Gb/s	230VAC	<b>/</b> / <b>/</b>	270×44×181
S124	24 - 100 Mb/s	✓ (ports: 17÷24)		230VAC	- / /	330×44×204

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

- 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

### 1 Gb/s



Sample product **SG108** 

Code	Number of ports: PoE	Number of ports: UPLINK	Power supply	Brackets for mounting to surface	Dimensions W×H×D [+/- 2mm]
SG64	4 - 1 Gb/s		52VDC / 60W desktop	✓	118×28×85
SG108-90W	8 - 1 Gb/s	2 - 1 Gb/s	52VDC / 90W desktop	✓	190×27×105
SG108	8 - 1 Gb/s		52VDC / 120W desktop	✓	190×27×105

# PoE switches for IP cameras with power supply, with SFP sockets SF 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
- 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:
  - brackets for mounting to surface \*
  - mounting brackets for RACK 19"
- warranty: 2 years from production date
- \* depending on model





Sample product **SF116** 

Code Number of ports: PoE	Number	UPLINK (Combo)		сомво	Power supply	Brackets for Mounting mounting to / brackets for	Dimensions W×H×D
	ports RJ45	sockets SFP	mounting to / brackets for surface RACK 19"			[+/- 2mm]	
SF108	8 – 100 Mb/s	2 – 1 Gb/s	2 1 Ch/s	_	52VDC / 120W desktop	111	220 × 44 × 150
SF108-90W	8 – 100 Mb/s	2 – 1 GD/S	2 – 1 Gb/s	_	52VDC / 90W desktop	111	220 × 44 × 130
SF116	16 – 100 Mb/s	2 – 1 Gb/s	2 1 6 4	1	230VAC	<b>-/</b> ✓	442 × 44 × 224
SF124	24 – 100 Mb/s	2 - 1 GD/S	2 – 1 Gb/s			<b>-/</b> ✓	

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

- 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+)
- RJ45 UPLINK ports: n/a / 1 port for recorder / switch / computer installation \*
- SFP UPLINK sockets: 1/2 ports for switch installation \*
- desktop type power supply supplied with switch
- additional mounting elements:
  - brackets for mounting to surface
- warranty: 2 years from production date
- \* depending on model





Sample product **SFG64F1** 

Code	Number of ports: PoE	UPLINK		Power supply	Brackets for mounting	Dimensions
		ports RJ45	sockets SFP	rower supply	to surface	W×H×D [+/- 2mm]
SFG64		_	2 - 1 Gb/s	52VDC / 60W		1102005
SFG64F1	4 - 1 Gb/s FG64F1 1 - 1 Gb/s		1 - 1 Gb/s	desktop	<b>/</b>	118×28×95

#### **Optical switch** with power supply, with SFP sockets SFG10F8 series

- 1 Gb/s ports
- RJ45 UPLINK ports: 2 ports for recorder / switch / computer installation
- SFP UPLINK sockets: 8 ports for switch installation
- · desktop type power supply supplied with switch
- additional mounting elements:
  - brackets for mounting to surface
- warranty: 2 years from production date



Code	Number	UPLINK		Bower supply	Brackets for Mounting mounting to / brackets for	Dimensions
	of ports: PoE	ports RJ45	sockets SFP	Power supply	surface RACK 19"	W×H×D [+/- 2mm]
SFG10F8	_	2 - 1 Gb/s	8 - 1 Gb/s	12VDC / 2A desktop	<b>√</b> / −	221×30×118

#### PoE switches for IP cameras, industrial without power supply, with SFP sockets ISFG, ISF 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
- 30W for each PoE port 52VDC (PoE+)
- RJ45 UPLINK ports: n/a / 2 ports for recorder / switch / computer installation \*
- SFP UPLINK sockets: 2 ports for switch installation
- UPLINK COMBO type operates RJ45 or SFP \*
- external power supply 52÷57VDC
- · possibility of redundant supplying
- · additional mounting elements:
  - DIN rail brackets
- warranty: 2 years from production date
- \* depending on model





Sample product ISFG64

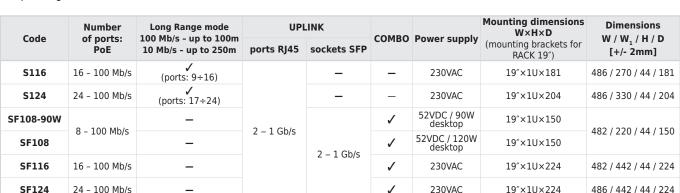
Code	Number	UPLINK		сомво	Power supply	DIN rail	Dimensions W×H×D [+/- 2mm]	
of ports: P	of ports: PoE	ports RJ45	sockets SFP	CONIDO	Tower suppry	brackets	$H_1 \times D_1$	
ISFG42	2 - 1 Gb/s	_		_	48÷57VDC / 50W external power supply	1	30×128×112	
ISFG64	4 - 1 Gb/s	_	2 - 1 Gb/s	_	48÷57VDC / 75W external power supply	1	10×9	
ISF108	8 - 100 Mb/s	2 - 1 Gb/s		1	48÷57VDC / 120W external power supply	1	54×176×153 10×8	

#### PoE switches for IP cameras - RACK 19" with power supply desktop, with SFP sockets \* S, SF series

• supports devices compliant with IEEE 802.3af/at standard

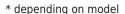
- 10/100 Mb/s and 1 Gb/s ports \*
- PoE ports data transfer and power supply \*
- Long Range mode: STANDARD 100m/100 Mb/s or EXTEND 250m/10 Mb/s \*
- 30W for each PoE port 52VDC (PoE+)
- UPLINK ports: 2 ports for recorder / switch / computer installation
- SFP UPLINK sockets: 2 ports for recorder / switch / computer installation \*
- UPLINK COMBO type operates RJ45 or SFP \*
- 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



#### PoE switches for IP cameras - without power supply unit for installation in universal power supply systems SWS and SWB series S...WP, SG...WP, SF...WP, SFG...WP 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 ports for recorder / switch / computer installation
- SFP UPLINK sockets: 2 ports for recorder / switch / computer installation \*
- external power supply 48-54VDC / 48-57VDC \*
- · additional mounting elements:
  - brackets for mounting to surface \*
  - mounting brackets for RACK 19" \*
- · warranty: 2 years from production date





SF116WP

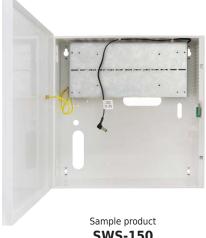
Code	Number	100 Mh/s = un to 100m	UPL	.INK	сомво	Power	Brackets for Mounting mounting to / brackets for	Dimensions W×H×D
Code	of ports: PoE		COLIDO	supply	surface RACK 19"	[+/- 2mm]		
S64WP	4 - 100 Mb/s	√ (ports: 1÷4)	2 - 100 Mb/s	_	_	48-57VDC	✓ / -	118×28×85
SG64WP	4 - 1 Gb/s	_	2 - 1 Gb/s	_	_	48-57VDC	✓ / -	118×28×85
SFG64WP	4 - 1 Gb/s	_	_	2 - 1 Gb/s	_	48-57VDC	✓ / -	118×28×95
SFG64F1WP	4 - 1 Gb/s	_	1 - 1 Gb/s	1 - 1 Gb/s	_	48-57VDC	✓ / -	118×28×95
S108WP	8 - 100 Mb/s	√ (ports: 1÷8)	2 - 100 Mb/s	_	_	48-57VDC	✓ / -	190×28×105
SG108WP	8 - 1 Gb/s	_	2 - 1 Gb/s	_	_	48-57VDC	✓ / -	190×28×105
SF108WP	8 - 100 Mb/s	_	2 - 1 Gb/s	2 - 1 Gb/s	_	48-57VDC	✓ / ✓	220×44×150
S116WP	16 - 100 Mb/s	✓ (ports: 9÷16)	2 - 1 Gb/s	_	_	48-54VDC	- / /	270×44×181
SF116WP	16 - 100 Mb/s	_	2 - 1 Gb/s	2 - 1 Gb/s	✓	48-54VDC	_ / ✓	442×44×224
S124WP	24 - 100 Mb/s	✓ (ports: 17÷24)	2 - 1 Gb/s	_	_	48-54VDC	- / /	330×44×204
SF124WP	24 - 100 Mb/s	_	2 - 1 Gb/s	2 - 1 Gb/s	✓	48-54VDC	- / /	442×44×224



Sample product **SF116** 

#### **Power supply systems for PoE switches** without battery backup **SWS** series

- power supply: 200-240VAC
- output voltage PoE: 52VDC JACK plug 2,1/5,5
- available models: 60W / 150W \*
- dedicated to 4/8 ports PoE switches
- metal enclosure color white RAL9003
- protections:
  - SCP short circuit protection; OLP overload protection OHP overheat protection \* OVP overvoltage protection;
- · warranty: 2 years from production date
- \* depending on model

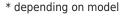


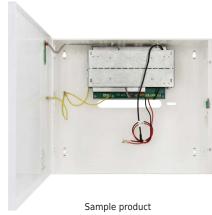
**SWS-150** 

Code	Output voltage - PoE / power	Adjustable output voltage - PoE	Enclosure dimensions W×H×D+D <sub>1</sub> [+/- 2mm]	Mounting plate dimensions W <sub>2</sub> ×H <sub>2</sub> ×D <sub>2</sub> [+/- 2mm]
SWS-60	52VDC / 60W	48÷53VDC	230×300×82+8	200×110×50
SWS-150	52VDC / 150W	48÷53VDC	300×300×105+8	230×110×45

#### **Power supply systems for PoE switches** buffer SWB, SWB...RACK series

- power supply: 200-240VAC
- output voltage PoE: 52VDC / 54VDC \* JACK plug 2,1/5,5 / EDG 5.08MM-2P \*;
- available models: 60W / 120W / 300W \* buffer
- possibility of installing additional mounting plate \*
- optical indication
- RACK 3U brackets, with adjustable mounting height on 3 levels
- enclosure construction is compliant with requirements of General Data Protection Regulation GDPR (possibility of installing two locks with different codes)
- fitting battery: 1×7Ah / 2×17Ah / 4×17Ah \*
- battery charging current: 0,5A / 1A / 2A jumper selectable \*
- deep discharge battery protection UVP
- battery charging and maintenance control
- metal enclosure color white RAL9003
- protections:
  - SCP short circuit protection; OLP overload protection
  - OVP overvoltage protection; OHP overheat protection \*
  - surge protection, antisabotage protection
- warranty: 2 years from production date





**SWB-300** 

Code	Output voltage - PoE / power	Battery charging current	Space for battery	Enclosure dimensions W×H×D+D <sub>1</sub> [+/- 2mm]	Mounting plate dimensions / installation space $W_2 \times H_2 \times D_2$ [+/- 2mm]	Additional mounting plate	RACK 19" profiles / with recorder space / GDPR (possibility of installing two locks with different codes)
SWB-60	52VDC / 60W - buffer	1A / 2A	1 × 7Ah	300×300×105+8	230×110×45	_	_
SWB-120	52VDC / 120W - buffer	0,5A / 2A	2 × 17Ah	330×380×173+8	245×150×90	DMO	
SWB-300	54VDC / 300W - buffer	0,5A / 1A / 2A	4 × 17Ah	460×390×173+8	245×150×90	BM2	_
SWB-300RACK	54VDC / 300W - buffer	0,5A / 1A / 2A	4 × 17Ah	535×650×165+14	530×430×155	_	3U - level / 🗸 / 🗸

### PoE switches for IP cameras in IP56 hermetic enclosure, hermetic power supply

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+)
- RJ45 UPLINK ports: /2 ports for recorder / switch / computer installation
- · desktop type hermetic power supply supplied with switch
- hermetic enclosure IP56
- warranty: 1 year from production date
- \* depending on model



Sample product SG64H

Code	Number of ports: PoE	Long Range mode 100 Mb/s - up to 100m 10 Mb/s - up to 250m	Number of ports UPLINK	Power supply	Number of cable glands / cable diameter	Dimensions W×H×D [+/- 2mm]
S64H	4 - 100 Mb/s	✓ (ports: 1÷4)	2 - 100 Mb/s	52VDC / 60W desktop	6 pieces / 4÷8mm 1 pieces / 10÷14mm	146×196×78
SG64H	4 - 1 Gb/s	_	2 - 1 Gb/s	52VDC / 60W desktop	6 pieces / 4÷8mm 1 pieces / 10÷14mm	146×196×78

#### Accessories:



OZB2 Pole mount bracket OZB2

#### PoE desktop type power supplies - 48VDC / 52VDC **PSP** series

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

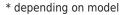


Sample product PSP52003

Code	Output voltage	Output current	Compliance with IEEE 802.3af standard	Dimensions L×W×H [+/- 2mm]	
PSP48005	48VDC	0,5A	_	110×61×20	
PSP52003	52VDC	0,3A	1	119×61×38	

#### **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** 

Code	Additional power input	RJ45 input / compliant with IEEE802.3af/at	RJ45 output / compliant with IEEE802.3af	Output power	Dimensions W×H×D [+/- 2mm]
EXT-POE2	_	PoE IN / compliant	PoE OUT1 / compliant PoE OUT2 / compliant	$15.4W / port$ ( $\Sigma = 20W$ )	
EXT-POE3	_	PoE IN / compliant	PoE OUT1 / compliant PoE OUT2 / compliant PoE OUT3 / not compliant	30W / port (OUT1/2) 15,4W / port (OUT3) (Σ = 30W)	81×77×26
EXT-POE4	DC IN 44÷57VDC	PoE IN / compliant	PoE OUT1 / not compliant PoE OUT2 / not compliant	$15,4W / port$ $(\Sigma = 20W)$	

#### **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
- \* depending on model



**EXT-POE2H** 

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

#### Accessories:



Pole mount bracket OZB2

#### **Accessories CCTV - IP Enclosures for CCTV recorders Horizontal**

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

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** 

Warranty: 2 years from production date

Code	Bracket	Possibility of mounting ARAW45	External dimensions of enclosure: W×H+H <sub>3</sub> ×D [+/- 2mm]	External dimensions of front panel: $W_1 \times H_1$ [+/- 2mm]	Dimensions of recorder space: W <sub>2</sub> ×H <sub>2</sub> ×D <sub>2</sub> [+/- 2mm]
AWO445	AWO445BR	✓	400×100+20×305	405×110	355×90×235
AWO447	AWU445BK	✓	400×100+20×432	405×110	355×90×360
AWO483	AWO483BR	<b>✓</b>	500×100+20×405	505×110	455×90×335
AWO471	AWO471BR	<b>✓</b>	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 CCTV - IP Enclosure for switch and monitor Vertical – with space for monitor**

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

Enclosures protects recorder/monitor/switch against unauthorized access or theft. Enclosure is made of steel with a thickness of 1.2mm.

#### Possibility of install inside:

- recorder;
- desktop type switches;
- RACK 19" switches;RACK 19" patch panel;
- monitor (max 22") applies to AWO531W.

Warranty: 2 years from production date

Code	Space for battery	Outlet 230VAC	Locking with keys (GDPR)	Place for a monitor (max 22")	Possibility of mounting ARAW45	RACK 19" holder (horizontal)	External dimensions of enclosure: W×H×D+D₁ [+/- 2mm]	Dimensions of recorder space: W <sub>2</sub> ×H <sub>2</sub> ×D <sub>2</sub> [+/- 2mm]	Straps for mounting recorder
AW0531W	4×7Ah	_	/	✓	✓	4U	589×650×261+14	480×400 <b>×</b> 180	✓
AWO532W	4×7Ah / 2×17Ah	2 pieces	(assembly required 2×MR008)	_	_	3U	535×540×165+14	530×380 <b>×</b> 155	(ZPR kit required)

#### Accessories:



ARAW45 Fan with temperature sensor 45°C



ML572 Extension cord with switch and grounding 4 sockets



**RAPDS** Universal RACK adapter for desktop switches



**ZPR** Set of two straps for mounting recorder



Sample product **AW0531W** 

MR008 Lock, type 802 various code

#### Accessories for CCTV - IP **Enclosures for CCTV recorders** Vertical

Enclosures 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.

Warranty: 2 years from production date

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]
AW0528	RAL9005 (black matt)	_	320 × 430 × 82+14	260 × 250 × 55
AWO528W	RAL9003 (white)	_	320 × 430 × 82+14	260 × 250 × 55
AW0529	RAL9005 (black matt)	_	435 × 500 × 121+14	375 × 335 × 95
AWO529W	RAL9003 (white)	_	435 × 500 × 121+14	375 × 335 × 95
AW0530	RAL9005 (black matt)	✓	535 × 650 × 121+14	470 × 485 × 95
AWO530W	RAL9003 (white)	✓	535 × 650 × 121+14	470 × 485 × 95



Sample product AW0529 / AW0529W

#### Accessories:



ARAW45 Fan with temperature sensor 45°C

#### **Accessories CCTV - IP**

#### SFP fiber optic modules for switches of SF..., SFG..., ISFG..., ISF... series **GBIC** series

- fiber type: single mode (SM) / multimode (MM) \*
- optical connector Type: LC / SC \*
- wavelength: 1310nm / 1310nm \*
  - 1310nm / 1550nm \*
  - 1550nm / 1310nm \*
- transmission range: up to 2km / up to 20km \*
- transmission speed: 1,25 Gb/s
- standards and protocols: IEEE 802.3z 1000Base-FX
- power supply: 3,3VDC (power from SFP port)
- notes:
  - built-in DDM (Digital Diagnostics Monitoring)
  - module has snap-lock system for optical connectors
- · warranty: 2 years from production date
- \* depending on model

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



Sample product **GBIC-101** 



Optical Connector Type:



Optical Connector Type:



Module has snap-lock system for optical connector

#### **Accessories CCTV - IP**

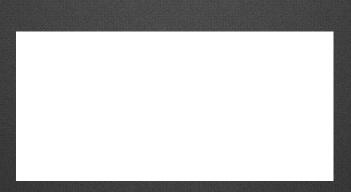








More information at www.pulsar.pl



## **Contact us**



Pulsar sp. j. Siedlec 150 32-744 Lapczyca, Poland



sales@pulsar.pl



+48 14 610 19 45



www.pulsar.pl