Shortened pricelist 2020 CAMSAT
Wireless systems for CCTV cameras

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camsat@camsat.com.pl

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A	PRO (main) products	0%
B	ECO (better price) products	0%
C	Accessories	0%

Index	Model	Discount	Price netto	Price netto with discout
The full price list with product descriptions is on the next sheets				
8006	GlobalCAM-LTE 2PoE	A	630,00 €	630,00 €
1110 1111	SIMcam	-	available on request	
1130	SIMcam-Rent	-	available on request	
8001	CDS-6IP eco	B	196,00 €	196,00 €
8009	CDS-6IP 3PoE	A	202,00 €	202,00 €
8002	CDS-6IP Multi 4PoE	A	327,00 €	327,00 €
8003	CDS-6IP SMA	A	225,00 €	225,00 €
8004	CDS-EasyIP eco	B	243,00 €	243,00 €
8005	CDS-EasyIP PoE	A	276,00 €	276,00 €
9050	ZS-48/1.5	C	30,00 €	30,00 €
9051	ZS-48/2.5	C	42,00 €	42,00 €
9052	ZS-12/5	C	16,00 €	16,00 €
9058	ZS-12/2	C	11,00 €	11,00 €
9059	ZS-PoE/24W	C	16,00 €	16,00 €
9053	AP13/HV	C	149,00 €	149,00 €
9054	AK28/HV	C	233,00 €	233,00 €
9055	MT-2D	C	12,00 €	12,00 €
9056	MTS-1D	C	13,00 €	13,00 €
9057	PoER-24h	A	59,00 €	59,00 €

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8007	CDS-Lift IP (zestaw = 2 szt.)	A	565,00 €	565,00 €
9010a	X-CAM II Switch4L PoE+ [230V]	A	166,00 €	166,00 €
9010b	X-CAM II Switch4L PoE+ [48V]	A	181,00 €	181,00 €
9010c	X-CAM II Switch4L PoE+ [12V]	A	289,00 €	289,00 €
9012a 9012b	X-CAM II Switch4F PoE+ [230V]	A	169,00 €	169,00 €
9013a 9013b	X-CAM II Switch4F PoE+ [48V]	A	184,00 €	184,00 €
9014a 9014b	X-CAM II Switch4F PoE+ [12V]	A	292,00 €	292,00 €
9015	X-CAM II Swich8L PoE+ [230V]	A	229,00 €	229,00 €
9016	X-CAM II Switch8L PoE+ [48V]	A	242,00 €	242,00 €
7001	CAM-Analog2.0 (CVI, TVI, AHD)	A	296,00 €	296,00 €
7002	CAM-5816h	A	287,00 €	287,00 €
7003	TCO-5807h	A	220,00 €	220,00 €
7004	CD04	A	266,00 €	266,00 €
7005	WCT-02h	A	326,00 €	326,00 €
7006	CD06 Tx + CD04	A	546,00 €	546,00 €
7007	CD06 Rx + CD04	A	614,00 €	614,00 €
End of series				
	CAM-TVI/AHD2.0 replaced by CAM-Analog2.0	-	599,00 €	599,00 €
	CAM8h-AHD replaced by CAM-Analog2.0	A	243,00 €	243,00 €
	CAM8h-Multi2/AHD	A	387,00 €	387,00 €
	TCO-07h Plus	A	220,00 €	220,00 €
	TCO-5807m	A	179,00 €	179,00 €

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	CDS-5021h STR	A	730,00 €	730,00 €
	CDS-5021m STR for lifts	A	640,00 €	640,00 €
	AK19	C	47,00 €	47,00 €
	AP05	C	13,00 €	13,00 €

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Series	Index	Model	Image	Description and advantages of the product	Discount	Price netto	Price netto with discount	Technical specification and content
				Professional wireless units for IP cameras				
				Wireless transmission systems from IP cameras - CDS-6IP xx series **Free bands: 5.2GHz, 5.6GHz, 5.8GHz - 2km range**				
CDS-6IP	8001	**CDS-6IP eco** **TOP** - Very popular product 3 YEARS		**Wireless bridge unit for IP cameras ("eco" version - more favorable discounts).** **Functionality:** * 2 LAN ports without PoE (PoE ports are built-in in CDS-6IP Multi units) * Wireless transmission from any IP camera with resolution up to 16Mpix * 2km range with another 6IP eco unit or CDS-6IP Multi 4PoE * 5km range with CDS-6IP SMA and AK28-HV antenna * Constant BITRATE real-time bandwith up to 63M bitrate **Distance and bitrate transmission:** [total bitrate – distance LOS] 63M bitrate – 100m, 59M bitrate – 500m, 48M bitrate – 1000m, 33M bitrate – 1500m, 12M bitrate – 2000m	B	196,00 €	196,00 €	**Description:** Radio system in hermetic housing for wireless transmission of all signals between IP cameras and NVR or LAN (priority: audio-video, PTZ and all other data from and to IP CCTV cameras); 2 LAN ports - enables direct connection of two IP cameras to each unit. It is possible to pair up to 8 transmitters to one receiver. Very simple to set up, special iCAMSAT-OS configuration system with automatic testing of the correctness of settings. Rapid and simple to set - setting only two parameters guarantees the launch of a full radio link. Requires optical visibility of antennas - LOS. **An extended guarantee for 36 months is included in price.** **Parameters:** 2 LAN ports, 300Mbps, 5.1-5.6-5.8GHz, 16 working channels, power supply: 12-24V DC and PoE24V, 14dbi 60° antenna built-in, power: 27dbi 500mW, 2km range, IP55; works with IP cameras up to 16Mpix, powering the camera through transmitter PoE ports - NO, new radio encoding: WPA-2PSK. **The set includes:** • CDS-6IP "eco" unit x1 • clamping grip for mounting on the pole x1 • PoE24V power supply x1 **Selection:** For a point-point bridge, you need 2 units (1 x Tx and 1 x Rx). For two bridges from the same direction, you need 3 units (2 x Tx and 1 x Rx). For 3 bridges from different directions, you need 6 units (3 x Tx and 3 x Rx). **It can also be useful:** Switch PoE, for example, X-CAM switch II PoE+ versions with 4xPoE, 8xPoE, or with fiber socket.
CDS-6IP	8009	**CDS-6IP 3PoE** **NEW OF 2020** **Available since 02.01.2020** 3 YEARS 3x OUT ACTIVE P ⏻ E POWERED IN PoE STANDARD		**Wireless bridge unit for IP cameras with three PoE+ ports and the possibility to use PoE Switch as a power supply.** **Functionality:** * 3 LAN ports with PoE+ * 30W/port, 90W for all * Possibility to use PoE Switch directly as power supply * ...other functionalities are the same as in CDS-6IP "eco"	A	202,00 €	202,00 €	**Description:** Unit with parameters like CDS-6IP "eco" but with 3 PoE ports to power cameras directly from the radio unit. In addition, the radio unit can be powered from any PoE switch in 802.3at/af standard or PoE power supply. Other parameters as in CDS-6IP ""eco"". **An extended guarantee for 36 months is included in price.** **Parameters:** 3 PoE/LAN ports, 300Mbps, 5.1-5.6-5.8GHz, 16 working channels, power supply: 12 i 48V DC, 14dbi 60° antenna built-in, power: 27dbi 500mW, 2km range, IP65, works with IP cameras up to 16Mpix, powering the camera PoE directly from transmitter ports - YES, current efficiency 30W/port - 90W for all, standard PoE - 802.3at/af, power supply 48VDC and 12V DC (the latter one without PoE functionality). **The set includes:** • CDS-6IP 3PoE unit x1 • clamping grip for mounting on the pole x1 • 48V/24W power supply x1 **Selection:** For point-point bridge you need 2 units (1 x Tx and 1 x Rx). For two bridges from the same direction you need 3 units (2 x Tx and 1 x Rx). **Can also be useful:** Power supply ZS-48/1.5; ZS-48/2.5; receiver CDS-6IP "eco".
CDS-6IP	8002	**CDS-6IP Multi 4PoE** **TOP** - Very popular and innovative product 3 YEARS 4x OUT PASSIVE P ⏻ E		**Wireless bridge unit for IP cameras with four PoE+ ports.** **Functionality:** * 4 LAN ports with PoE+ * 30W/port, 60W for all * ...other functionalities are the same as in CDS-6IP "eco"	A	327,00 €	327,00 €	**Description:** Unit with parameters like CDS-6IP "eco" but with 4 PoE ports to power cameras directly from the radio unit. In addition, it has an extended power supply range from 12V DC to 48V DC. Designed for installation on the camera side. For radio reception on the recorder side, we recommend the CDS-6IP eco. Other parameters as in CDS-6IP "eco". **An extended guarantee for 36 months is included in price.** **Parameters:** 4 PoE/LAN ports, 300Mbps, 5.1-5.6-5.8GHz, 16 working channels, power supply: 12-48V DC, 14dbi 60° antenna built-in, power: 27dbi 500mW, 2km range, IP65, works with IP cameras up to 16Mpix, powering the camera PoE directly from transmitter ports - YES, current efficiency 30W/port - 60W for all, standard PoE - passive. **The set includes:** • CDS-6IP Multi unit x1 • clamping grip for mounting on the pole x1 • power supply - no **Selection:** For point-point bridge you need 2 units (1 x Tx - for example CDS-6IP Multi, and 1 x Rx - for example CDS-6IP eco). For two bridges from the same direction you need 3 units (2 x Tx - for example CDS-6IP Multi, and 1 x Rx - for example CDS-6IP eco). **It can also be useful:** Power supply ZS-48/1.5; receiver CDS-6IP "eco"
CDS-6IP	8003	**CDS-6IP SMA** 3 YEARS		**Wireless bridge unit for IP cameras with SMA socket for external antennas.** **Functionality:** * SMA socket for additional external antenna * ...other functionalities are the same as in CDS-6IP "eco"	A	225,00 €	225,00 €	**Description:** Unit with parameters like CDS-6IP "eco" but, in addition to the built-in internal antenna, it has an SMA socket for an external antenna. It allows to increase the bandwidth, working range, and to use an omnidirectional antenna. Other parameters as in CDS-6IP "eco". **An extended guarantee for 36 months is included in price.** **Parameters:** 2 LAN ports, 300Mbps, 5.1-5.6-5.8GHz, 16 working channels, power supply: 12-24V DC and PoE24V, 14dbi 60° antenna built-in, power: 27dbi 500mW, 2km range, IP55, works with IP cameras up to 16Mpix, powering the camera PoE directly from transmitter ports - NO, 2 x SMA socket. **The set includes:** • CDS-6IP SMA unit x1 • clamping grip for mounting on the pole x1 • PoE24V power supply x1 **Can also be useful:** Antenna AK-28HV, AP-13HV

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Additional description of the product

Series	Index	Model	Image	Description and advantages of the product	Discount	Price netto	Price netto with discount	Technical specification and content
Wireless transmission systems from IP cameras - CDS-EasyIP xx series — Free bands: 5.2GHz, 5.6GHz, 5.8GHz - 2km range								
CDS-EasyIP xx	8004	**CDS-EasyIP eco** **TOP** - Very popular product 3 YEARS TOP		**Wireless bridge unit for IP cameras with DIPswitch based configuration process** - without the computer ("eco" version with better discounts). **Functionality:** * 2 LAN ports without PoE (PoE is present in CDS-EasyIP PoE) * Wireless transmission from any IP camera up to 16Mpix * Working range with another, the same unit - 3km * Fast and easy configuration using DIP switches * Constant BITRATE real-time bandwidth up to 63M bitrate **Distance and bitrate transmission:** [total bitrate – distance LOS] 70M bitrate – 100m, 68M bitrate – 500m, 60M bitrate – 1000m, 50M bitrate – 1500m, 40M bitrate – 2000m, 30M bitrate – 2500m, 12M bitrate – 3000m PoE POWERED IN PoE STANDARD	B	728,00 €	728,00 €	**Description:** Radio system in hermetic housing for wireless transmission of all signals between IP cameras and NVR or LAN (transmission priorities: audio-video, PTZ and all other data from and to IP CCTV cameras); 2 LAN ports - allows direct connection of two IP cameras to each unit. It is possible to pair 4 transmitters to one receiver. Extremely easy to set up and run, it doesn't require a computer to enter the settings. The transmitter/receiver operating mode and operating channel are selected with DIP switches. Requires optical visibility of antennas - LOS. **An extended guarantee for 36 months is included in price.** **Parameters:** 2 LAN ports, 300Mbps, 5.2 and 5.8Hz, 16 working channels, power supply in PoE 802.af and Passive PoE 48V standards, 16dbi 30° antenna built-in, power: 27dbi 500mW, 3km range, IP65, works with IP cameras up to 16Mpix, powering the camera PoE directly from transmitter ports - NO, new radio encoding WPA-2PSK. **The set includes:** • CDS-EasyIP "eco" unit x1 • clamping grip for mounting on the pole x1 • PoE 48V (24W) power supply x1 **Selection:** For point-point bridge you need 2 units (1 x Tx and 1 x Rx). For two bridges from the same direction you need 3 units (2 x Tx and 1 x Rx). For 3 bridges from different directions you need 6 units (3 x Tx and 3 x Rx). **It can also be useful:** Switch PoE, for example X-CAM switch II PoE+ versions with 4xPoE, 8xPoE, or with fiber socket.
CDS-EasyIP xx	8005	**CDS-EasyIP PoE** 3 YEARS 1x OUT PASSIVE PoE PoE POWERED IN PoE STANDARD		**Wireless bridge unit for IP cameras with one PoE port and DIPswitch based configuration process.** **Functionality:** * 2 LAN ports, including one port with PoE+ * 15W/port * …other functions are the same as in CDS-EasyIP "eco"	A	828,00 €	828,00 €	**Description:** Unit with parameters like CDS-EasyIP "eco" but having 1 port with PoE to power the camera directly from the radio unit. Additionally, the radio unit can be powered from any PoE switch in 802.3at/af standard or Passive PoE48V power supply. The power supply provided in the 24W set will also power the IP camera up to 15W. Other parameters are the same as in CDS-EasyIP "eco". **An extended guarantee for 36 months is included in price.** **Parameters:** 2 LAN ports, 300Mbps, 5.2 and 5.8Hz, 16 working channels, power supply in PoE 802.af and Passive PoE 48V standards, 16dbi 30° antenna built-in, power: 27dbi 500mW, 3km range, IP65, works with IP cameras up to 16Mpix, powering the camera PoE directly from transmitter ports - **YES,** new radio encoding WPA-2PSK. **The set includes:** • CDS-EasyIP "PoE" unit x1 • clamping grip for mounting on the pole x1 • PoE 48V (24W) power supply x1 **Selection:** For a point-point bridge, you need 2 units (1 x Tx and 1 x Rx). For two bridges from the same direction, you need 3 units (2 x Tx and 1 x Rx). For 3 bridges from different directions, you need 6 units (3 x Tx and 3 x Rx). **It can also be useful:** Switch PoE, for example, X-CAM switch II PoE+ versions with 4xPoE, 8xPoE, or with fiber socket.
Wireless transmission systems for IP cameras via 4G/LTE								
4G/LTE	8006	GlobalCAM-LTE 2PoE		**Transmitter for IP cameras that transmits all data via 4G/LTE** **Functionality:** Transmission: * from 3 IP cameras to the Internet * over a very long distance * without optical visibility and from inside the buildings (NLOS) * smooth communication between IP cameras and any NVR recorder/smartphone/computer with access to the Internet * powers two cameras PoE+ (30W/port)	A	630,00 €	630,00 €	**Parameters:** 3 LAN ports including 2 ports with PoE+, very easy to launch and use, transmission speed: max. 50/100Mbps, recommended LTE range: at least "two bars", recommended camera stream: up to 3-4M bitrate, power supply: 9-57V DC, working temperature -20°C ÷ +70°C, 1 standard SIM socket, works with any internet SIM card in the UE - "SIMcam" - "SIMcam" or other SIM card with static IP address recommended, directional LTE antenna built-in, IP65. **The set includes:** 4G transmitter, clamping grip for mounting on the pole. Attention - the set does not contain a power supply. **It can also be useful:** SIMcam card, 48V DC 1.5A power supply.
4G/LTE	1110 1111	SIMcam		**SIM card with LTE for IP cameras, modems and wireless LTE transmitters** **Functionality:** * Transmission of any amount of data in both directions * Static IP address * Full LTE speed * External access unblocked **Compatible with:** * Any 4G/LTE device / modem * CAMSAT iCAM, iConstruction, GlobalCAM camera series	-	available on request		**Description:** Limitless SIM GSM card with full LTE speed. Enables full remote access to the camera (for example HD live view, recording, controls - around the clock throughout the month) with the highest transmission speed and easy access to the camera in the same way as in wired solutions. With static IP it does not need VPN, cloud or P2P. Static, public IP address and external access. **SMS:** NO (Additional option: package of 100 or 300 SMS) **Index 1110** - SIMcam version without SMS **Index 1111** - SIMcam version with 300 SMS
4G/LTE	1130a 1130b 1130c 1130d	SIMcam-Rent		**Rent of LTE SIM card for IP cameras, modems and LTE wireless transmitters**	-	available on request		**Description:** Parameters identical to the SIMcam card with index 1110. For availability of cards, please contact the CAMSAT sales department. **Index 1130a** - SIMcam version for 1 month **Index 1130b** - SIMcam version for 2 months **Index 1130c** - SIMcam version for 3 months **Index 1130d** - SIMcam version for 6 months

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				Power supplies				
POWER SUPPLIES	9050	ZS-48/1.5		**Power supply - DC 48V 1.5A 70W** **Dedicated to:** * PoE switches * CDS-6IP Multi PoE radio unit * CDS-6IP 3PoE radio unit	C	30,00 €	30,00 €	**Parameters:** 48V DC, 70W, 1,5A, plug DC 2.1/5.5, dimensions 150x82x55 [mm]
	9051	ZS-48/2.5		**Power supply - DC 48V 2.5A 100W** **Dedicated to:** * PoE switches * CDS-6IP Multi PoE radio unit * CDS-6IP 3PoE radio unit	C	42,00 €	42,00 €	**Parameters:** 48V DC, 100W, 2.5A, plug DC 2.1/5.5, dimensions 160x90x65 [mm]
	9052	ZS-12/5		**Power supply - DC 12V 5A**	C	16,00 €	16,00 €	**Parameters:** 12V DC, 5A, plug DC 2.1/5.5

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Antennas for IP radio units								
ANTENNAS	9053	AP13/HV		Omnidirectional antenna for IP/SMA radio units	C	149,00 €	149,00 €	**Gain:** Omnidirectional antenna MIMO 13dbi with double HV polarisation **Dedicated to:** to omnidirectional work; compatible with wireless units with SMA sockets **Working angle:** H(360°H/7°V) V(7°H/360°V) **The set includes:** • antenna • antenna cable D=1,5 m x 2 pieces
ANTENNAS	9054	AK28/HV		Directional antenna for IP/SMA radio units	C	233,00 €	233,00 €	**Gain:** Directional, transparent antenna MIMO 28 dBi with double HV polarisation **Dedicated to:** increasing the range and bandwidth in IP radio units with SMA sockets **Working angle:** 7°H/7°V; **The set includes:** • antenna • antenna cable D=1,5 m x 2 pieces
Accessories								
ACCESSORIES	9057	PoER-24h		PoER-24h hermetic converter of power from Switch PoE standard to PoE24V standard	A	59,00 €	59,00 €	**Parameters:** • power input DC 35-48V (terminal block) • 1 LAN and 48V output socket for IP camera in PoE IEEE802.3af standard. • 1 LAN and 24V output socket for IP radio unit • Option: power input RJ45 socket for Passive PoE 48V (Attention: port does not transfer LAN) **The set includes:** • Adjustable handle x1 • U-bolt mounting x1
ACCESSORIES	9055	MT-2D (2D handle)		Universal plastic handle for all hermetic systems produced by CAMSAT.	C	12,00 €	12,00 €	**Parameters:** Mounting on the pole or on the wall, angle adjustment: +30° upwards; -30° downwards; 60° to left; 60° to right. **The set includes:** • Adjustable handle x1 • U-bolt mounting x1
ACCESSORIES	9056	MTS-1D (steel mounting handle U-type)		Steel wall handle for all hermetic systems produced by CAMSAT.	C	13,00 €	13,00 €	**Parameters:** Mounting on the wall, angle adjustment: 90° to left and 90° to right. **The set includes:** • Wall mounting x1
Wireless systems for lifts and cranes								
LIFTS	8007	CDS-Lift IP (set = 2 pieces)		Wireless set for lifts and cranes	A	565,00 €	565,00 €	**Wireless set for one lift contains transmitter and receiver for IP cameras.** **Parameters:** 1 x PoE, 1 x LAN, 250m range **The set includes:** ● Radio unit x2 ● Plug-in power supply 230V AC / PoE 48V x2 ● U-bolt mounting x2 ● MTS-1D mounting x2

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Additional description of the product

X-CAM II SWITCH PoE — Outdoor IP65 PoE switches for CCTV cameras

4 PoE+ ports and 1 uplink LAN port

Series	Index	Model	Image	Description and advantages of the product	Discount	Price netto	Price netto with discount	Technical specification and content
X-CAM	9010a	X-CAM II Switch4L PoE+ [230V]		**Outdoor switch with four PoE+ ports (30W/port) - 230V AC** **Functionality:** * **4xPoE** 1xLAN * 802.3at/af 30W/port * Efficiency **120W** for all ports * Built-in **230V** power supply * IP65	A	166,00 €	166,00 €	**Description:** Switch PoE+ for IP cameras, designed for outdoor use, weather-resistant. Built-in 230V power supply allows powering the device directly from 230V AC. **Parameters:** 4x LAN/PoE+, 1x LAN uplink, 802.3u, 802.3at, 802.3af, maximal PoE efficiency: 30W/port and 120W for all ports; IP65, mounting with steel bands to pole or wall, power supply: 100V-230V AC **The set includes:** • Switch X-CAM x1 • Steel bands x2
X-CAM	9010b	X-CAM II Switch4L PoE+ [48V]		**Outdoor switch with four PoE+ ports (30W/port) - 48V DC** **Functionality:** * **4xPoE** 1xLAN * 802.3at/af 30W/port * Efficiency **120W** for all ports * Powered from **48V DC** * IP65	A	181,00 €	181,00 €	**Description:** Switch PoE+ for IP cameras, designed for outdoor use, weather-resistant. Powered from 48V DC. **Parameters:** 4x LAN/PoE+, 1x LAN uplink, 802.3u, 802.3at, 802.3af, maximal PoE efficiency: 30W/port and 120W for all ports; IP65, mounting with steel bands to pole or wall, power supply: 48V DC **The set includes:** • Switch X-CAM x1 • Steel bands x2 • Attention - the power supply is not included. **It can also be useful:** ZS-48V/2.5A power supply
X-CAM	9010c	X-CAM II Switch4L PoE+ [12V]		**Outdoor switch with four PoE+ ports (30W/port) - 12V DC** **Functionality:** * **4xPoE** 1xLAN * 802.3at/af 30W/port * Efficiency **60W** for all ports * Powered from **12V DC** * IP65	A	289,00 €	289,00 €	**Description:** Switch PoE+ for IP cameras, designed for outdoor use, weather-resistant. Powered from 12V DC. **Parameters:** 4x LAN/PoE+, 1x LAN uplink, 802.3u, 802.3at, 802.3af, maximal PoE efficiency: 30W/port and 60W for all ports; IP65, mounting with steel bands to pole or wall, power supply: 12V DC **The set includes:** • Switch X-CAM x1 • Steel bands x2 • Attention - the power supply not included. **It can also be useful:** ZS-12V/5A power supply

4 PoE+ ports and 1 optical fiber port

Series	Index	Model	Image	Description and advantages of the product	Discount	Price netto	Price netto with discount	Technical specification and content
X-CAM	9012a 9012b	X-CAM II Switch4F PoE+ [230V]		**Outdoor switch with four PoE+ ports (30W/port) - 230V AC** **Functionality:** * **4xPoE** and **1x optical fiber port** * 802.3at/af 30W/port * Efficiency **120W** for all ports * Built-in **230V** power supply * IP65	A	169,00 €	169,00 €	**Description:** Switch PoE+ for IP cameras, designed for outdoor use, weather-resistant. Built-in 230V power supply allows powering the device directly from 230V AC. **Parameters:** 4x LAN/PoE+, 1x FIBER SC port, 802.3at, 802.3af, maximal PoE efficiency: 30W/port and 120W for all ports; IP65, mounting with steel bands to pole or wall, power supply: 100V-230V AC **The set includes:** • Switch X-CAM x1 • Steel bands x2 **Optical fiber version:** Index 9012a - fiber SC TX1550, RX1310 Index 9012b - fiber SC TX1310, RX1550
X-CAM	9013a 9013b	X-CAM II Switch4F PoE+ [48V]		**Outdoor switch with four PoE+ ports (30W/port) - 48V DC** **Functionality:** * **4xPoE 1x optical fiber port** * 802.3at/af 30W/port * Efficiency **120W** for all ports * Powered from **48V DC** * IP65	A	184,00 €	184,00 €	**Description:** Switch PoE+ for IP cameras, designed for outdoor use, weather-resistant. Powered from 48V DC. **Parameters:** 4x LAN/PoE+, 1x FIBER SC port, 802.3at, 802.3af, maximal PoE efficiency: 30W/port and 120W for all ports; IP65, mounting with steel bands to pole or wall, power supply: 48V DC **The set includes:** • Switch X-CAM x1 • Steel bands x2 • Attention - the power supply is not included. **It can also be useful:** ZS-48V/2.5A power supply **Optical fiber version:** Index 9013a - fiber SC TX1550, RX1310 Index 9013b - fiber SC TX1310, RX1550
X-CAM	9014a 9014b	X-CAM II Switch4F PoE+ [12V]		**Outdoor switch with four PoE+ ports (30W/port) - 12V DC** **Functionality:** * **4xPoE 1x fiber port** * 802.3at/af 30W/port * Efficiency **60W** for all ports * Powered from **12V DC** * IP65	A	292,00 €	292,00 €	**Description:** Switch PoE+ for IP cameras, designed for outdoor use, weather-resistant. Powered from 12V DC. **Parameters:** 4x LAN/PoE+, 1x FIBER SC port, 802.3at, 802.3af, maximal PoE efficiency: 30W/port and 60W for all ports; IP65, mounting with steel bands to pole or wall, power supply: 12V DC **The set includes:** • Switch X-CAM x1 • Steel bands x2 • Attention - the power supply is not included. **It can also be useful:** ZS-12V/5A power supply **Optical fiber version:** Index 9014a - fiber SC TX1550, RX1310 Index 9014b - fiber SC TX1310, RX1550

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Additional description of the product

Series	Index	Model	Image	Description and advantages of the product	Discount	Price netto	Price netto with discount	Technical specification and content
				8 PoE+ ports and 1 uplink LAN port				
X-CAM	9015	X-CAM II Switch8L PoE+ [230V]		**Outdoor switch with eight PoE+ ports (30W/port) - 230V AC** **Functionality:** * **8xPoE** 1xLAN * 802.3at/af 30W/port * Efficiency **120W** for all ports * Built-in **230V AC** power supply * IP65	A	229,00 €	229,00 €	**Description:** Switch PoE+ for IP cameras, designed for outdoor use, weather-resistant. Built-in 230V power supply allows powering the device directly from 230V AC. **Parameters:** 8x LAN/PoE+, 1x LAN uplink, 802.3u, 802.3at, 802.3af, maximal PoE efficiency: 30W/port and 120W for all ports; IP65, mounting with steel bands to pole or wall, power supply: 100V-230V AC **The set includes:** • Switch X-CAM x1 • Steel bands x2
X-CAM	9016	X-CAM II Switch8L PoE+ [48V]		**Outdoor switch with eight PoE+ ports (30W/port) (30W/port) - 48V DC** **Functionality:** * **8xPoE** 1xLAN * 802.3at/af 30W/port * Efficiency **120W** for all ports * Powered from **48V DC** * IP65	A	242,00 €	242,00 €	**Description:** Switch PoE+ for IP cameras, designed for outdoor use, weather-resistant. Powered from 48V DC. **Parameters:** 8x LAN/PoE+, 1x LAN uplink, 802.3u, 802.3at, 802.3af, maximal PoE efficiency: 30W/port and 120W for all; IP65, mounting with steel bands to pole or wall, power supply: 48V DC **The set includes:** • Switch X-CAM x1 • Steel bands x2 • Attention - the power supply is not included

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Additional description of the product

Series	Index	Model	Image	Description and advantages of the product	Discount	Price netto	Price netto with discount	Technical specification and content
Wireless sets for analog cameras								
				For analog CVI, TVI, AHD cameras up to 2MPix					
TVI, CVI, AHD	7001	CAM-Analog2.0 (CVI, TVI, AHD) NEW 2019/2020		**Wireless set for analog cameras with resolution up to 2Mpix** **Functionality:** * Wireless transmission from analog cameras up to 2Mpix: - CVI (for example Dahua, BSC...) - TVI (for example Hikvision...) - AHD (for example Novus...) * 500m LOS range * transmits one image through one working channel * possibility to choose one from two working channels that comply with EU regulations	A	296,00 €	296,00 €	**Description:** The set transmits an analog video signal from CVI, TVI and AHD cameras, with resolution up to 2Mpix. Both transmitter and receiver have BNC video ports. Attention: this set does not transmit a signal to control the camera or PTZ. **Parameters:** Resolution up to 2Mpix, CVI, TVI, AHD, range in the interference-free environment: 500m LOS, 5.8GHz, 2 working channels (CE frequencies), 1 x BNC, 12V DC (Tx-800mA, Rx-500mA), DIP switches to choose working channel, IP65, directional antennas built-in. **The set includes:** Radio transmitter, radio receiver, pole mounting, attention: the set does not include a power supply. **It can also be useful:** ZS12V/1A power supply, CD04 for PTZ controls. **Replaces:** CAM-Analog2.0 replaces previous systems for analog cameras, i.e. series: CAM8-AHD, CAM-TVI/AHD2.0, QARA CVI - their mass production has ended.
				For analog cameras with PAL and CVBS resolution					
PAL	7002	CAM-5816h		**Hermetic wireless set for image transmission from PAL/CVBS analog cameras - 8 working channels** **Functionality:** * Wireless transmission from PAL analog cameras * 8 working channels * 5.8GHz * 1.5km range	A	287,00 €	287,00 €	**Parameters:** PAL resolution, range in the interference-free environment: 1500m LOS, 5.8GHz, 8 working channels, 1 x BNC, 12V DC (Tx-500mA, Rx-500mA), DIP switches to choose working channel, IP65, directional antennas built-in. **The set includes:** transmitter and receiver with integrated directional antennas, pole mountings.
PAL	7003	TCO-5807h		**Hermetic wireless set for image transmission from PAL/CVBS analog cameras - 7 working channels** **Functionality:** * Wireless transmission from PAL analog cameras * 7 working channels * 5.8GHz * 1.5km range	A	220,00 €	220,00 €	**Parameters:** PAL resolution, range in the interference-free environment: 1500m LOS, 5.8GHz, 7 working channels, 1 x BNC, 12V DC (Tx-500mA, Rx-500mA), DIP switches to choose working channel, IP65, directional antennas built-in. **The set includes:** transmitter and receiver with integrated directional antennas, pole mountings.
				PTZ controls of analog cameras via RS485 interface					
PTZ	7004	CD04		**Wireless PTZ controls for rotary PTZ cameras, over 6km range** **Designed for PAL, CVBS, AHD, CVI, TVI cameras with RS485**	A	266,00 €	266,00 €	**Description:** Wireless control system for rotary PTZ cameras, with over 6km range. Compatible with analog PAL, CVBS, AHD, CVI, TVI cameras with RS-485 interface. Sends bidirectional RS485, RS232 and TTL 5V signals between PTZ cameras and the recoder / PTZ keyboard. **Parameters:** 869Mhz, 200/500mW, 6km range, choosing channels and configuration with DIP switches, 12V DC (800mA), IP66, omnidirectional antenna. **The set includes:** Moduł CD04, rod antenna, pole mounting

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Additional description of the product

Series	Index	Model	Image	Description and advantages of the product	Discount	Price netto	Price netto with discount	Technical specification and content
				Remote controls over the long distances and accessories				
				PTZ controls for analog cameras via RS485				
PTZ	7004	CD04		**Wireless system for controlling rotary PTZ cameras with over 6km range - for PAL, CVBS, AHD, CVI, TVI cameras with RS485**	A	266,00 €	266,00 €	**Description:** Wireless controlling system for rotary PTZ cameras with over 6km range. Compatible with analog PAL, CVBS, AHD, CVI and TVI cameras with RS-485 interface. Send bidirectional RS485, RS232 and TTL 5V signals. **Parameters:** 869Mhz, 200/500mW, 6km range, choosing working channels and configuration with DIP switches, 12V DC (800mA), IP66, omnidirectional antenna. **The set includes:** CD04 unit, rod antenna, pole mounting.
				Wireless transmitters for long distances				
PTZ	7005	WCT-02h		**Wireless NO/NC link x2 with 3km range** **Functionality:** * Transfer of two independent states - open/closed * Will transfer statuses of limit stops, alarm ports, watchdogs... * Immediate execution of commands * Confirmation of executing the command on the other side * Controlling the transmitters from the recorder or from the PTZ keyboard through RS485 and PELCO protocol	A	326,00 €	326,00 €	**Description:** Wireless radio modem with two control ports and two transfer ports. It can confirm, by LED indication and transmitter, execution of the command by the executive side. Universal bidirectional unit. **Parameters:** 2 input ports, 2 output ports, modes: bistable and astable, confirmation of command execution, free 869Mhz band, 200mW, 3km range, LOS, NLOS, PELCO, choosing channels and configuration with DIP switches, 12V DC (1000mA), IP65, omnidirectional antenna. **The set includes:** WCT-02h unit x 1, rod antenna, pole mounting **Use example:** Remote pump management, control of alarm panels over long distances, transmitting states from the sensors and limit switches...
				Power supplies				
POWER SUPPLIES	9059	ZS-PoE/24W		**PoE passive 48V 24W power supply** **Dedicated to:** * IP cameras * devices powered in PoE standard * CDS-EasyIP series of radio units	C	16,00 €	16,00 €	**Parameters:** PoE with 48V, 24W, 0,5A, plug RJ45 x2 (PoE and LAN), dimensions 150x82x55 [mm]
	9050	ZS-48/1.5		**DC 48V 1.5A 70W power supply** **Dedicated to:** * PoE switches * CDS-6IP Multi PoE radio unit * CDS-6IP 3PoE radio unit	C	30,00 €	30,00 €	**Parameters:** 48V DC, 70W, 1,5A, plug DC 2.1/5.5, dimensions 150x82x55 [mm]
	9051	ZS-48/2.5		**DC 48V 2.5A 120W power supply** **Dedicated to:** * PoE switches * CDS-6IP Multi PoE radio unit * CDS-6IP 3PoE radio unit	C	42,00 €	42,00 €	**Parameters:** 48V DC, 120W, 2.5A, plug DC 2.1/5.5, dimensions 160x90x65 [mm]
	9052	ZS-12/5		**DC 12V 5A power supply**	C	16,00 €	16,00 €	**Parameters:** 12V DC, 5A, plug DC 2.1/5.5
	9058	ZS-12/2		**DC 12V 2A power supply**	C	11,00 €	11,00 €	**Parameters:** 12V DC, 2A, plug DC 2.1/5.5
				Antennas for IP radio units				
ANTENNAS	9053	AP13/HV		**Omnidirectional antenna for IP radio units - IP/SMA with MIMO technology (two antennas sockets)**	C	149,00 €	149,00 €	**Gain:** Omnidirectional antenna MIMO 13dbi with double HV polarisation **Dedicated to:** to omnidirectional work; compatible with wireless units with SMA sockets **Working angle:** H(360°H/7°V) V(7°H/360°V) **The set includes:** • antenna • antenna cable D=1,5 m x 2 pieces
	9054	AK28/HV		**Directional antenna for IP radio units - IP/SMA with MIMO technology (two antennas sockets)**	C	233,00 €	233,00 €	**Gain:** Directional, transparent antenna MIMO 28 dBi with double HV polarisation **Dedicated to:** increasing the range and bandwidth in IP radio units with SMA sockets **Working angle:** 7°H/7°V; **The set includes:** • antenna • antenna cable D=1,5 m x 2 pieces
				Accessories				
ACCESSORIES	9055	MT-2D (2D handle)		**Universal plastic handle for all hermetic systems produced by CAMSAT.**	C	12,00 €	12,00 €	**Parameters:** Mounting on the pole or on the wall, angle regulation: +30° upwards; -30° downwards; 60° to left and 60° to right. **The set includes:**• Adjustable handle x 1 • U-bolt for mounting on the pole x 1
	9056	MTS-1D (steel mounting handle U-type)		**Steel wall handle for all hermetic systems produced by CAMSAT.**	C	13,00 €	13,00 €	**Parameters:** Mounting on the wall, angle regulation: 90° to left and 90° to right. **The set includes:** • "U"-shaped steel handle x 1