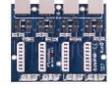




CCTV INSTALLATION ACCESORIES AND SURGE PROTECTION SOLUTIONS

2019 PRICE LIST

The price list is valid from **03.06.2019**. This price list, from the date of issue, replaces and invalidates the remaining issues of the price list and is valid until the next issue comes into force. The given prices are **net retail prices**.

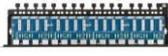
Symbol	Description	Retail price in Euro
SURGE ARRESTERS CATEGORY 6, gigabit network		
PTF-61-ECO/PoE 	ECO series One-channel surge protection with PoE protection for Gigabit Ethernet installations Dedicated to the 100Base-Tx, 1000Base-T networks, Protection efficiency 1000V / 100A, 8/20 μs - for each conductor of the cable 1 degree of surge protection (hybrid) Securing the PoE line - all standards up to 60W Compatibility with 5th and 6th UTP, FTP categories Discharging the load to the ground and shielded RJ45 sockets Free-standing enclosure IP 54 / screwed to the wall Dimensions: 65 x 30 x 40 (mm) Recommended for installations in which protected devices are mounted inside buildings	29,76 €
PTF-61-EXT/PoE 	EXT series 1-channel surge protection with PoE protection for Gigabit Ethernet installations Dedicated to the 100Base-Tx, 1000Base-T networks, Effectiveness of protection 4kV / 2kA, 8/20 μs - for each wire of the cable 3 levels of surge protection (GDT, MOSFET, TVS) High durability and effectiveness of protection thanks to use of resettable super fast MOSFET fuses Securing the PoE line - all standards up to 60W Compatibility with 5th and 6th UTP, FTP categories Discharging the load to the ground and shielded RJ45 sockets Free-standing enclosure IP 54 / screwed to the wall Dimensions: 65 x 30 x 40 (mm) Recommended for installations in which protected devices are mounted outside of buildings	48,81 €
PTF-61-ECO/PoE/DIN 	ECO series One-channel surge protection with PoE protection for Gigabit Ethernet installation for DIN rail Dedicated to the 100Base-Tx, 1000Base-T networks, Protection efficiency 1000V / 100A, 8/20 μs - for each conductor of the cable 1 degree of surge protection (hybrid) Securing the PoE line - all standards up to 60W Compatibility with 5th and 6th UTP, FTP categories Discharging the load to the ground and shielded RJ45 sockets Free-standing enclosure IP 54 / screwed to the wall Ground through a DIN rail or cable Dimensions: 65 x 30 x 40 (mm) Recommended for installations in which protected devices are mounted inside buildings	44,05 €
PTF-61-EXT/PoE/DIN 	EXT series 1-channel surge protection with PoE protection for Gigabit Ethernet installation for DIN rail Dedicated to the 100Base-Tx network, 1000Base-T Effectiveness of protection 4kV / 2kA, 8/20 μs - for each wire of the cable 3 levels of surge protection (GDT, MOSFET, TVS) High durability and effectiveness of protection thanks to use of resettable super fast MOSFET fuses Securing the PoE line - all standards up to 60W Compatibility with 5th and 6th UTP, FTP categories Discharging the load to the ground and shielded RJ45 sockets Free-standing enclosure IP 54 / screwed to the wall Ground through a DIN rail or cable Dimensions: 65 x 30 x 40 (mm) Recommended for installations in which protected devices are mounted outside of buildings	63,10 €
PTU-64-EXT/PoE  PTF-64-EXT/PoE 	EXT series 4-channel surge protection module of the with PoE protection for Gigabit Ethernet installations Dedicated to the 100Base-Tx network, 1000Base-T / Tx Protection of 4 Video IP channels Protection of 4 PoE channels - all standards up to 60W Effectiveness of protection 4kV / 2kA, 8/20 μs - for each wire of the cable 3 levels of surge protection (GDT, MOSFET, TVS) High durability and effectiveness of protection thanks to use of resettable super fast MOSFET fuses Compatibility with 5th and 6th UTP, FTP categories Mounting: PTU / PTF-6-RACK or PTF-6-BOX housing Recommended for installations in which IP devices are mounted outside the buildings Types of I / O connectors: for the PTU version: LSA / RJ45; for the PTF version: RJ45 / RJ45	141,67 €
PTU-68R-EXT/PoE  PTF-68R-EXT/PoE 	EXT series 8-channel surge protection with PoE protection for Gigabit Ethernet installations Dedicated to the 100Base-Tx network, 1000Base-T / Tx Protection of 8 Video IP channels Protection of 8 PoE channels - all standards up to 60W Effectiveness of protection 4kV / 2kA, 8/20 μs - for each wire of the cable 3 levels of surge protection (GDT, MOSFET, TVS) High durability and effectiveness of protection thanks to use of resettable super fast MOSFET fuses Compatibility with 5th and 6th UTP, FTP categories Mounting: 19 " Rack 1U - 480 x 41 x 130 (mm) Recommended for installations in which IP devices are mounted outside the buildings Types of I / O connectors: for the PTU version: LSA / RJ45; for the PTF version: RJ45 / RJ45	316,67 €

<p>PTU-616R-EXT/PoE</p>  <p>PTF-616R-EXT/PoE</p> 	<p>EXT series 16-channel surge protection with PoE protection for Gigabit Ethernet installations</p> <p>Dedicated to the 100Base-Tx network, 1000Base-T / Tx Protection of 16 Video IP channels Protection of 16 PoE channels - all standards up to 60W Effectiveness of protection 4kV / 2kA, 8/20 µs - for each wire of the cable 3 levels of surge protection (GDT, MOSFET, TVS) High durability and effectiveness of protection thanks to use of resettable super fast MOSFET fuses Compatibility with 5th and 6th UTP, FTP categories Mounting: 19" Rack 1U - 480 x 41 x 130 (mm) Recommended for installations in which IP devices are mounted outside buildings Types of I / O connectors: for the PTU version: LSA / RJ45; for the PTF version: RJ45 / RJ45</p>	<p>602,38 €</p>
<p>PTF-6-BOX</p> 	<p>Plastic housing for PTF-64 modular protection</p> <p>Compatible with 4-channel PTF-64 protections The housing accommodates one 4-channel module It protects the module against dust and damage It can be mounted on the wall External dimensions 133 x 82 x 35 (mm)</p>	<p>4,52 €</p>
<p>PTU/PTF-6-RACK</p> 	<p>1U metal housing for 19 "RACK cabinet for modular PTU / PTF-64 protection</p> <p>It allows you to design a panel with any security configuration surge arrester PTU / PTF-64 series Installation of 1 to 4 PTU-64 or PTF-64 modules Safe and hassle-free screw assembly of modules Holders for fixing cable tie binders Mounting: Rack 19 "1U - 480 x 41 x 130 (mm)</p>	<p>32,14 €</p>
<p>PTU/PTF-5/6-COVER</p> 	<p>Cover for PTU / PTF panels</p> <p>Made of powder coated sheet Fastening to the panel with screws Intended for protection of PTU and PTF series in the Rack housing Protects devices against dust, unauthorized access and damage</p>	<p>10,71 €</p>
<p>SURGE ARRESTERS FOR IP SYSTEMS</p> <p>1-CHANNEL SURGE SRRESTERS IP</p>		
<p>PTF-51-ECO/PoE/Micro</p> 	<p>ECO series One-channel surge protection for IP systems with PoE protection in a miniature housing</p> <p>Protection efficiency 1000V / 100A, 8/20 µs - for each conductor of the cable Compatibility with 10Base-T, 100Base-T (10Mbit, 100Mbit) LAN networks 1 degree of surge protection (hybrid) Securing the PoE line - all standards up to 60W Compatibility with 5th and 6th categories UTP, FTP 5 cables Removing the load to the ground Recommended for IP devices installed inside buildings</p>	<p>13,10 €</p>
<p>PTF-51-PRO/PoE/Micro</p> 	<p>PRO series 1-channel surge protector for IP systems with PoE protection in a miniature housing</p> <p>Effectiveness of protection 4kV / 2kA, 8/20 µs - for each wire of the cable Compatibility with 10Base-T, 100Base-T (10Mbit, 100Mbit) LAN networks 2 levels of surge protection (GDT, TVS) Securing the PoE line - all standards up to 60W Compatibility with 5th and 6th categories UTP, FTP 5 cables Removing the load to the ground Recommended for IP devices mounted outdoors</p>	<p>20,24 €</p>
<p>PTF-51-EXT/PoE/Micro</p> 	<p>EXT series 1-channel surge protection for IP systems with PoE protection in a miniature housing</p> <p>Effectiveness of protection 4kV / 2kA, 8/20 µs - for each wire of the cable Compatibility with 10Base-T, 100Base-T (10Mbit, 100Mbit) LAN networks 3 levels of surge protection (GDT, MOSFET, TVS) High durability and effectiveness of protection thanks to use resettable super fast MOSFET fuses Securing the PoE line - all standards up to 60W Compatibility with 5th and 6th UTP, FTP categories Removing the load to the ground Recommended for IP devices mounted outdoors</p>	<p>25,00 €</p>
<p>PTF-51-ECO/PoE</p> 	<p>ECO series One-channel surge protection for IP systems with PoE protection</p> <p>Protection efficiency 1000V / 100A, 8/20 µs - for each conductor of the cable Compatibility with 10Base-T, 100Base-T (10Mbit, 100Mbit) LAN networks 1 degree of surge protection (hybrid) Securing the PoE line - all standards up to 60W Compatibility with 5th and 6th UTP, FTP categories Discharging the load to the ground and shielded RJ45 sockets Recommended for IP devices installed inside buildings</p>	<p>14,29 €</p>
<p>PTF-51-PRO/PoE</p> 	<p>PRO series 1-channel surge protector for IP systems with PoE protection</p> <p>Effectiveness of protection 4kV / 2kA, 8/20 µs - for each wire of the cable Compatibility with 10Base-T, 100Base-T (10Mbit, 100Mbit) LAN networks 2 levels of surge protection (GDT, TVS) Securing the PoE line - all standards up to 60W Compatibility with 5th and 6th UTP, FTP categories Discharging the load to the ground and shielded RJ45 sockets Recommended for IP devices mounted outdoors</p>	<p>22,62 €</p>

	<p>EXT series 1-channel surge protection for IP systems with PoE protection</p> <p>Effectiveness of protection 4kV / 2kA, 8/20 μs - for each wire of the cable Compatibility with 10Base-T, 100Base-T (10Mbit, 100Mbit) LAN networks 3 levels of surge protection (GDT, MOSFET, TVS) High durability and effectiveness of protection thanks to use of resettable super fast MOSFET fuses Securing the PoE line - all standards up to 60W Compatibility with 5th and 6th UTP, FTP categories Discharging the load to the ground and shielded RJ45 sockets Recommended for IP devices mounted outdoors</p>	28,33 €
	<p>ECO series One-channel surge protection for IP systems with PoE protection for DIN rail</p> <p>Protection efficiency 1000V / 100A, 8/20 μs - for each conductor of the cable Compatibility with 10Base-T, 100Base-T (10Mbit, 100Mbit) LAN networks 1 degree of surge protection (hybrid) Securing the PoE line - all standards up to 60W Compatibility with 5th and 6th UTP, FTP categories Discharging the load to the ground and shielded RJ45 sockets Grounded through a DIN rail or cable Recommended for IP devices installed inside buildings</p>	29,76 €
	<p>PRO series 1-channel surge protector for IP systems with PoE protection for DIN rail</p> <p>Effectiveness of protection 4kV / 2kA, 8/20 μs - for each wire of the cable Compatibility with 10Base-T, 100Base-T (10Mbit, 100Mbit) LAN networks 2 levels of surge protection (GDT, TVS) Securing the PoE line - all standards up to 60W Compatibility with 5th and 6th UTP, FTP categories Discharging the load to the ground and shielded RJ45 sockets Grounded through a DIN rail or cable Recommended for IP devices mounted outdoors</p>	35,48 €
	<p>EXT series 1-channel surge protection for IP systems with PoE protection for DIN rail</p> <p>Effectiveness of protection 4kV / 2kA, 8/20 μs - for each wire of the cable Compatibility with 10Base-T, 100Base-T (10Mbit, 100Mbit) LAN networks 3 levels of surge protection (GDT, MOSFET, TVS) High durability and effectiveness of protection thanks to use of resettable super fast MOSFET fuses Securing the PoE line - all standards up to 60W Compatibility with 5th and 6th UTP, FTP categories Discharging the load to the ground and shielded RJ45 sockets Grounded through a DIN rail or cable Recommended for IP devices mounted outside buildings and poles and masts</p>	42,62 €
	<p>EXT series 1-channel external surge protection of the for IP systems with PoE protection</p> <p>Effectiveness of protection 4kV / 10kA, 8/20 μs Compatibility with 10Base-T, 100Base-T (10Mbit, 100Mbit) LAN networks 3 levels of surge protection (GDT, MOSFET, TVS) High durability and effectiveness of protection thanks to use of resettable super fast MOSFET fuses Securing the PoE line - all standards up to 60W Compatibility with UTP and FTP cables of 5th and 6th categories (10Base-T and 100Base-T) Recommended for IP devices mounted outside buildings and poles and masts Can be mounted on a wall or U-BOX post bracket Hermetic housing with IP66 integrity, dimensions: 114 x 114 x 57 mm Discharging the load to the ground and shielded RJ45 sockets Types of input connectors: LSA / RJ45; output: LSA / RJ45</p>	45,00 €
	<p>EXT series 1-channel external surge protection of the for IP systems with PoE protection</p> <p>Effectiveness of protection 4kV / 10kA, 8/20 μs Compatibility with 10Base-T, 100Base-T (10Mbit, 100Mbit) LAN networks 3 levels of surge protection (GDT, MOSFET, TVS) High durability and effectiveness of protection thanks to use of resettable super fast MOSFET fuses Securing the PoE line - all standards up to 60W Compatibility with UTP and FTP cables of 5th and 6th categories (10Base-T and 100Base-T) Recommended for IP devices mounted outside buildings and poles and masts Can be mounted on a wall or U-BOX post bracket Hermetic housing with IP66 integrity, dimensions: 151 x 117 x 67 mm Discharging the load to the ground and shielded RJ45 sockets Types of input connectors: LSA / RJ45; output: LSA / RJ45</p>	49,76 €
	<p>Holder for mounting cameras and security</p> <p>The bracket for mounting on poles the cameras and SUG-BOX, BOX HD-1-EXT, BOX PTF-1-EXT / PoE, BOX PTF-1-EXT + / PoE protections. The minimum diameter of the pole is 55 mm Galvanized steel sheet secured with varnish Dimensions (W x H x D) 150 x 230 x 55 (mm) Bands included in the set with a diameter of 130 - 150 (mm)</p>	16,43 €
4-CHANNEL SURGE ARRESTERS FOR IP SYSTEMS		

<p>PTU-54-ECO/PoE</p>  <p>PTF-54-ECO/PoE</p> 	<p>4-channel ECO series surge protection module for IP systems with PoE protection</p> <p>Protection of 4 Video IP channels Compatibility with 10Base-T, 100Base-T (10Mbit, 100Mbit) LAN networks Protection of 4 PoE channels - all standards up to 60W Protection efficiency 1000V / 100A, 8/20 µs - for each conductor of the cable 1 degree of surge protection (hybrid) Compatibility with 5th and 6th UTP, FTP categories Mounting: PTU / PTF-5-RACK or PTF-5-BOX housing Recommended for IP devices installed inside buildings Types of I / O connectors: for the PTU version: LSA / RJ45; for the PTF version: RJ45 / RJ45</p>	<p>37,86 €</p>
<p>PTU-54-PRO/PoE</p>  <p>PTF-54-PRO/PoE</p> 	<p>4-channel PRO series surge protection module for IP systems with PoE protection</p> <p>Protection of 4 Video IP channels Compatibility with 10Base-T, 100Base-T (10Mbit, 100Mbit) LAN networks Protection of 4 PoE channels - all standards up to 60W Effectiveness of protection 4kV / 2kA, 8/20 µs - for each wire of the cable 2 levels of surge protection (GDT, TVS) Compatibility with 5th and 6th UTP, FTP categories Mounting: PTU / PTF-5-RACK or PTF-5-BOX housing Recommended for IP devices mounted outdoors Types of I / O connectors: for the PTU version: LSA / RJ45; for the PTF version: RJ45 / RJ45</p>	<p>49,76 €</p>
<p>PTF-4-PRO/InPoE</p> 	<p>4-channel PRO series surge protection module for IP systems with PoE injector</p> <p>Protection of 4 Video IP channels Compatibility with 10Base-T, 100Base-T (10Mbit, 100Mbit) LAN networks Protection of 4 PoE channels - all standards up to 60W 48V power distribution for PoE devices Effectiveness of protection 4kV / 2kA, 8/20 µs 2 levels of surge protection (GDT, TVS) Built-in automatic fuses for the PoE line Compatibility with 5th and 6th UTP, FTP categories Mounting: PTU / PTF-RACK or PTU / PTF-BOX housing Recommended for IP devices mounted outdoors Types of I / O connectors: for PTF version: RJ45 / RJ45</p>	<p>52,14 €</p>
<p>PTU-54-EXT/PoE</p>  <p>PTF-54-EXT/PoE</p> 	<p>4-channel EXT series surge protection module for IP systems with PoE protection</p> <p>Protection of 4 Video IP channels Compatibility with 10Base-T, 100Base-T (10Mbit, 100Mbit) LAN networks Protection of 4 PoE channels - all standards up to 60W High durability and effectiveness of protection thanks to use resettable super fast MOSFET fuses Effectiveness of protection 4kV / 2kA, 8/20 µs - for each wire of the cable 3 levels of surge protection (GDT, MOSFET, TVS) Compatibility with 5th and 6th UTP, FTP categories Mounting: PTU / PTF-5-RACK or PTF-5-BOX housing Recommended for IP devices mounted outside buildings and poles and masts Types of I / O connectors: for the PTU version: LSA / RJ45; for the PTF version: RJ45 / RJ45</p>	<p>80,71 €</p>
<p>PTF-4-EXT/InPoE</p> 	<p>4-channel EXT series surge protection module for IP systems with PoE injector</p> <p>Protection of 4 Video IP channels Compatibility with 10Base-T, 100Base-T (10Mbit, 100Mbit) LAN networks Protection of 4 PoE channels High durability and effectiveness of protection thanks to use resettable super fast MOSFET fuses 48V power distribution for PoE devices Effectiveness of protection 4kV / 2kA, 8/20 µs 3 levels of surge protection (GDT, MOSFET, TVS) Built-in automatic fuses for the PoE line Compatibility with 5th and 6th UTP, FTP categories Mounting: PTU / PTF-RACK or PTU / PTF-BOX housing Recommended for IP devices mounted outside buildings and poles and masts Types of I / O connectors: for PTF version: RJ45 / RJ45</p>	<p>83,10 €</p>
<p>PTF-5-BOX</p> 	<p>Plastic housing for PTF-54 modular protection</p> <p>Compatible with 4-channel PTF-54 protections The housing accommodates one 4-channel module It protects the module against dust and damage It can be mounted on the wall External dimensions 133 x 82 x 35 (mm)</p>	<p>4,52 €</p>
<p>PTU/PTF-5-RACK</p> 	<p>1U metal housing for 19 " RACK cabinets for PTU / PTF-54 modular protection systems</p> <p>It allows you to design a panel with any configuration of PTU / PTF-54 series surge protectors Installation of 1 to 4 PTU-54 or PTF-54 modules Safe and hassle-free screw assembly of modules Holders for fixing cable tie binders Mounting: Rack 19 "1U - 480 x 41 x 130 (mm)</p>	<p>32,14 €</p>
<p>PTU/PTF-5/6-COVER</p> 	<p>Cover for PTU / PTF panels</p> <p>Made of powder coated sheet Fastening to the panel with screws Intended for protection of PTU and PTF series in the Rack housing Protects devices against dust, unauthorized access and damage</p>	<p>10,71 €</p>
<p>LK-Mount</p> 	<p>Mounting brackets for Rack cabinets</p> <p>Designed for ordering panels and security It allows fixing panels at an angle of 45 degrees Mounted in the back of the rack The set includes right and left handle</p>	<p>8,33 €</p>

8-CHANNEL SURGE ARRESTERS FOR IP SYSTEMS

<p>PTU-58R-ECO/PoE</p>  <p>PTF-58R-ECO/PoE</p> 	<p>ECO series 8-channel surge protection for IP systems with PoE protection</p> <p>Protection of 8 Video IP channels Compatibility with 10Base-T, 100Base-T (10Mbit, 100Mbit) LAN networks Protection of 8 PoE channels - all standards up to 60W Protection efficiency 1000V / 100A, 8/20 μs - for each conductor of the cable 1 degree of surge protection (hybrid) Compatibility with 5th and 6th UTP, FTP categories Mounting: 19" Rack 1U - 480 x 41 x 130 (mm) It can be mounted on the wall Recommended for IP devices installed inside buildings Types of I / O connectors: for the PTU version: LSA / RJ45; for the PTF version: RJ45 / RJ45</p>	<p>109,29 €</p>
<p>PTU-58R-PRO/PoE</p>  <p>PTF-58R-PRO/PoE</p> 	<p>PRO series 8-channel surge protection for IP systems with PoE protection</p> <p>Protection of 8 Video IP channels Compatibility with 10Base-T, 100Base-T (10Mbit, 100Mbit) LAN networks Protection of 8 PoE channels - all standards up to 60W Effectiveness of protection 4kV / 2kA, 8/20 μs - for each wire of the cable 2 levels of surge protection (GDT, TVS) Compatibility with 5th and 6th UTP, FTP categories Mounting: 19" Rack 1U - 480 x 41 x 130 (mm) It can be mounted on the wall Recommended for IP devices mounted outdoors Types of I / O connectors: for the PTU version: LSA / RJ45; for the PTF version: RJ45 / RJ45</p>	<p>133,10 €</p>
<p>PTF-8R-PRO/InPoE</p> 	<p>PRO series 8-channel surge protection for IP systems with PoE injector</p> <p>Protection of 8 Video IP channels Compatibility with 10Base-T, 100Base-T (10Mbit, 100Mbit) LAN networks Protection of 8 PoE channels Allows you to enter power for devices with PoE, eliminating the need to use a PoE switch 48V power distribution for PoE devices Effectiveness of protection 4kV / 2kA, 8/20 μs 2 levels of surge protection (GDT, TVS) Built-in automatic fuses for the PoE line Compatibility with 5th and 6th UTP, FTP categories Mounting: 19" Rack 1U - 480 x 41 x 130 (mm) It can be mounted on the wall Recommended for IP devices mounted outdoors Types of I / O connectors: for PTF version: RJ45 / RJ45</p>	<p>118,81 €</p>
<p>PTU-58R-EXT/PoE</p>  <p>PTF-58R-EXT/PoE</p> 	<p>EXT series 8-channel surge protection for IP systems with PoE protection</p> <p>Protection of 8 Video IP channels Compatibility with 10Base-T, 100Base-T (10Mbit, 100Mbit) LAN networks Protection of 8 PoE channels - all standards up to 60W High durability and effectiveness of protection thanks to use resettable super fast MOSFET fuses Effectiveness of protection 4kV / 2kA, 8/20 μs - for each wire of the cable 3 levels of surge protection (GDT, MOSFET, TVS) Compatibility with 5th and 6th UTP, FTP categories Mounting: 19" Rack 1U - 480 x 41 x 130 (mm) It can be mounted on the wall Recommended for IP devices mounted outside buildings and poles and masts Types of I / O connectors: for the PTU version: LSA / RJ45; for the PTF version: RJ45 / RJ45</p>	<p>197,38 €</p>
<p>PTF-8R-EXT/InPoE</p> 	<p>EXT series 8-channel surge protection for IP systems with PoE injector</p> <p>Protection of 8 Video IP channels Compatibility with 10Base-T, 100Base-T (10Mbit, 100Mbit) LAN networks Protection of 8 PoE channels Allows you to enter power for devices with PoE, eliminating the need to use a PoE switch High durability and effectiveness of protection thanks to use resettable super fast MOSFET fuses 48V power distribution for PoE devices Effectiveness of protection 4kV / 2kA, 8/20 μs 3 levels of surge protection (GDT, MOSFET, TVS) Built-in automatic fuses for the PoE line Compatibility with 5th and 6th UTP, FTP categories Mounting: 19" Rack 1U - 480 x 41 x 130 (mm) It can be mounted on the wall Recommended for IP devices mounted outside buildings and poles and masts Types of I / O connectors: for PTF version: RJ45 / RJ45</p>	<p>178,33 €</p>
16-CHANNEL SURGE ARRESTERS FOR IP SYSTEMS		
<p>PTU-516R-ECO/PoE</p>  <p>PTF-516R-ECO/PoE</p> 	<p>ECO series 16-channel surge protection for IP systems with PoE protection</p> <p>Protection of 16 Video IP channels Compatibility with 10Base-T, 100Base-T (10Mbit, 100Mbit) LAN networks Protection of 16 PoE channels - all standards up to 60W Protection efficiency 1000V / 100A, 8/20 μs - for each conductor of the cable 1 degree of surge protection (hybrid) Compatibility with 5th and 6th UTP, FTP categories Mounting: 19" Rack 1U - 480 x 41 x 130 (mm) It can be mounted on the wall Recommended for IP devices installed inside buildings Types of I / O connectors: for the PTU version: LSA / RJ45; for the PTF version: RJ45 / RJ45</p>	<p>185,48 €</p>

<p>PTU-516R-PRO/PoE</p>  <p>PTF-516R-PRO/PoE</p> 	<p>PRO series 16-channel surge protector for IP systems with PoE protection</p> <p>Protection of 16 Video IP channels Compatibility with 10Base-T, 100Base-T (10Mbit, 100Mbit) LAN networks Protection of 16 PoE channels - all standards up to 60W Effectiveness of protection 4kV / 2kA, 8/20 µs - for each wire of the cable 2 levels of surge protection (GDT, TVS) Compatibility with UTP, FTP 5 and 6 categories Compatibility with 5th and 6th UTP, FTP categories Mounting: 19" Rack 1U - 480 x 41 x 130 (mm) It can be mounted on the wall Recommended for IP devices mounted outdoors Types of I / O connectors: for the PTU version: LSA / RJ45; for the PTF version: RJ45 / RJ45</p>	<p>233,10 €</p>
<p>PTF-16R-PRO/lnPoE</p> 	<p>PRO series 16-channel surge protector for IP systems with PoE injector</p> <p>Protection of 16 Video IP channels Compatibility with 10Base-T, 100Base-T (10Mbit, 100Mbit) LAN networks Protection of 16 PoE channels Allows you to enter power for devices with PoE, eliminating the need to use a PoE switch 48V power distribution for PoE devices Effectiveness of protection 4kV / 2kA, 8/20 µs 2 levels of surge protection (GDT, TVS) Built-in automatic fuses for the PoE line Compatibility with 5th and 6th UTP, FTP categories Mounting: 19" Rack 1U - 480 x 41 x 130 (mm) It can be mounted on the wall Recommended for IP devices mounted outdoors Types of I / O connectors: for the PTU version: RJ45 / RJ45</p>	<p>202,14 €</p>
<p>PTU-516R-EXT/PoE</p>  <p>PTF-516R-EXT/PoE</p> 	<p>EXT series 16-channel surge protection for IP systems with PoE protection</p> <p>Protection of 16 Video IP channels Compatibility with 10Base-T, 100Base-T (10Mbit, 100Mbit) LAN networks Protection of 16 PoE channels - all standards up to 60W High durability and effectiveness of protection thanks to use resettable super fast MOSFET fuses Effectiveness of protection 4kV / 2kA, 8/20 µs - for each wire of the cable 3 levels of surge protection (GDT, MOSFET, TVS) Compatibility with 5th and 6th UTP, FTP categories Mounting: 19" Rack 1U - 480 x 41 x 130 (mm) It can be mounted on the wall Recommended for IP devices mounted outside buildings and poles and masts Types of I / O connectors: for the PTU version: LSA / RJ45; for the PTF version: RJ45 / RJ45</p>	<p>355,95 €</p>
<p>PTF-16R-EXT/lnPoE</p> 	<p>EXT series 16-channel surge protection for IP systems with PoE injector</p> <p>Protection of 16 Video IP channels Compatibility with 10Base-T, 100Base-T (10Mbit, 100Mbit) LAN networks Protection of 16 PoE channels Allows you to enter power for devices with PoE, eliminating the need to use a PoE switch High durability and effectiveness of protection thanks to use resettable super fast MOSFET fuses 48V power distribution for PoE devices Effectiveness of protection 4kV / 2kA, 8/20 µs - for each wire of the cable 3 levels of surge protection (GDT, MOSFET, TVS) Built-in automatic fuses for the PoE line Compatibility with 5th and 6th UTP, FTP categories Mounting: 19" Rack 1U - 480 x 41 x 130 (mm) It can be mounted on the wall Recommended for IP devices mounted outside buildings and poles and masts Types of I / O connectors: for the PTU version: LSA / RJ45; for the PTF version: RJ45 / RJ45</p>	<p>309,29 €</p>
WIRELESS AUDIO/VIDEO TRANSMISSION ANALOG/AHD		
<p>AV-300AHD-MINI</p> 	<p>Wireless video transmission kit for analog and AHD 1.3Mpix systems up to 300m.</p> <p>5.8 GHz frequency AHD-M or PAL 960H transmission 8 radio channels 1 Video channel Range up to 300 m Adapted to the coaxial cable Directional passive antenna External use Wall and ceiling bracket</p>	<p>141,67 €</p>
<p>AV-300AHD-MINI-L</p> 	<p>Wireless video transmission kit for analog and AHD 1.3 Mpix systems up to 300m to lifts and elevators</p> <p>5.8 GHz frequency AHD-M or PAL 960H transmission 8 radio channels 1 Video channel Range up to 300 m Adapted to the coaxial cable Directional passive antenna External use Lifts and elevators</p>	<p>141,67 €</p>

 <p>AV-500AHD-MINI</p>	<p>Wireless video transmission set for analog and AHD 1.3Mpix systems up to 500m</p> <p>5.8 GHz frequency AHD-M or PAL 960H transmission 8 radio channels 1 Video channel 1 audio channel Range up to 500m Directional passive antenna Adapted to coaxial cable and UTP twisted pair Surge protection for video channels External use Wall and ceiling bracket</p>	<p>165,48 €</p>
SURGE PROTECTORS AND GALVANIC SEPARATOR FOR AHD, HD-CVI, HD-TVI		
1-CHANNEL SURGE PROTECTORS HD		
 <p>HDO-1F-PRO</p>	<p>1-channel surge protection , PRO series with BNC socket - AHD, CVI, TVI</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) and 5Mpix systems 2 levels of surge protection (gas protector + Transil) Effectiveness of protection 4kV / 10kA, 8/20 us Passive device 2-way signal transmission Low circuit capacity High quality BNC connectors Discharging the load to the ground</p>	<p>11,90 €</p>
 <p>HDT-1F-PRO</p>	<p>1-channel surge protection, PRO series with transformer for twisted pair - AHD, CVI, TVI</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) and 5Mpix systems 2 levels of surge protection (gas protector + Transil) Effectiveness of protection 4kV / 10kA, 8/20 us Built-in transformer for UTP Passive device 2-way signal transmission Low circuit capacity High quality BNC connector Discharging the load to the ground</p>	<p>14,05 €</p>
 <p>HDO-1F-EXT</p>	<p>1-channel overvoltage protection EXT series with BNC socket - AHD, CVI, TVI</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) and 5Mpix systems 3 levels of surge protection (gas protector + Transil + MOSFET) Super fast response time - MOSFET fuse Effectiveness of protection 4kV / 10kA, 8/20 us Passive device 2-way signal transmission Low circuit capacity High quality BNC connectors</p>	<p>14,05 €</p>
 <p>HDT-1F-EXT</p>	<p>1-channel overvoltage protection EXT series with transformer for twisted pair - AHD, CVI, TVI</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) and 5Mpix systems 3 levels of surge protection (gas protector + Transil + MOSFET) Super fast response time - MOSFET fuse Effectiveness of protection 4kV / 10kA, 8/20 us Built-in transformer for UTP twisted pair Passive device 2-way signal transmission Low circuit capacity High quality BNC connector Discharging the load to the ground</p>	<p>17,38 €</p>
 <p>BOX HD-1-EXT/12VDC</p>	<p>1-channel external overvoltage protection for video and power supply, EXT series with transformer for twisted pair - AHD, CVI, TVI</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) and 5Mpix systems 3 levels of surge protection (gas protector + Transil + MOSFET) High durability and effectiveness of protection thanks to MOSFET technology Effectiveness of protection 4kV / 10kA, 8/20 us Built-in transformer for UTP Power supply protection 12V DC 2-way signal transmission Low circuit capacity Recommended for cameras mounted outside buildings and on poles and masts Hermetic casing with IP66 tightness class Can be mounted on a wall or U-BOX post bracket The housing has dimensions of 114 x 114 x 57 mm Discharging the load to the ground</p>	<p>33,10 €</p>
 <p>BOX HD-1-EXT/24VAC</p>	<p>1-channel external overvoltage protection for video and power supply, EXT series with transformer for twisted pair - AHD, CVI, TVI</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) and 5Mpix systems 3 levels of surge protection (gas protector + Transil + MOSFET) High durability and effectiveness of protection thanks to MOSFET technology Effectiveness of protection 4kV / 10kA, 8/20 us Built-in transformer for UTP 24VAC power supply protection 2-way signal transmission Low circuit capacity Recommended for cameras mounted outside buildings and on poles and masts Hermetic casing with IP66 tightness class Can be mounted on a wall or U-BOX post bracket The housing has dimensions of 114 x 114 x 57 mm Discharging the load to the ground</p>	<p>33,10 €</p>
1-CHANNEL GROUND LOOP VIDEO SEPARATORS HD		

 <p>HSD-1F-ECO</p>	<p>1-channel Video separator ECO series with anti-interference filter and BNC socket - AHD, CVI, TVI</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) It protects against potential differences and disturbances due to ground loops Built-in anti-interference filter Passive device 2-way signal transmission Low circuit capacity High quality BNC connectors</p>	<p>16,43 €</p>
 <p>HST-1F-ECO</p>	<p>1-channel Video separator ECO series with anti-interference filter and transformer for twisted pair - AHD, CVI, TVI</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) It protects against potential differences and disturbances due to ground loops Built-in anti-interference filter Built-in transformer for UTP twisted pair Passive device 2-way signal transmission Low circuit capacity High quality BNC connector High efficiency of interference elimination</p>	<p>18,10 €</p>
 <p>HSO-1F-EXT</p>	<p>1-channel Video separator, EXT series with protection, anti-interference filter and BNC socket - AHD, CVI, TVI</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) It protects against potential differences and disturbances due to ground loops Built-in anti-interference filter Built-in high speed MOSFET fuse 3 levels of surge protection (gas protector + Transil + MOSFET) Efficiency of overvoltage protection 4kV / 10kA, 8/20 us Passive device 2-way signal transmission Low circuit capacity High quality BNC connectors High efficiency of interference elimination Discharging the load to the ground</p>	<p>21,19 €</p>
 <p>HST-1F-EXT</p>	<p>1-channel video separator EXT series with protection, anti-interference filter and transformer for twisted pair - AHD, CVI, TVI</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) It protects against potential differences and disturbances due to ground loops Built-in anti-interference filter Built-in high speed MOSFET fuse 3 levels of surge protection Efficiency of overvoltage protection 4kV / 10kA, 8/20 us (gas protector + Transil + MOSFET) Built-in transformer for UTP twisted pair Passive device 2-way signal transmission Low circuit capacity High quality BNC connector High efficiency of interference elimination</p>	<p>22,86 €</p>
4-CHANNEL SURGE PROTECTOR HD		
 <p>LHD-4-PRO-FPS</p>	<p>4-channel AHD, CVI, TVI surge protection, PRO series with universal connector for twisted pair or coaxial cables and power distribution</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) and 5Mpix systems 2 levels of surge protection (gas protector + Transil) Effectiveness of protection 4kV / 4kA, 8/20 us 2-way signal transmission Universal inputs for twisted pair and coaxial cables Built-in transformers for UTP Distribution of 12VDC power supply for 4 cameras (24V on request) Built-in automatic fuses on the power line Optical and audible short-circuit indication Discharging the load to the ground</p>	<p>42,62 €</p>
 <p>LHD-4-EXT-FPS</p>	<p>4-channel AHD, CVI, TVI surge protection EXT series with universal connector for twisted pair or coaxial cables and power distribution</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) and 5Mpix systems 3 levels of surge protection (gas protector + Transil + MOSFET) Super fast response time - MOSFET fuse Effectiveness of protection 4kV / 10kA, 8/20 us 2-way signal transmission Universal inputs for twisted pair and coaxial cables Built-in transformers for UTP twisted pair Distribution of 12VDC power supply for 4 cameras (24V on request) Built-in automatic fuses on the power line Optical and audible short-circuit indication Discharging the load to the ground</p>	<p>52,14 €</p>
8-CHANNEL CONNECTION SYSTEM AND SURGE PROTECTOR HD		
 <p>FKO-8-HD</p>	<p>8-channel connection panel for coaxial cable</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) and 5Mpix systems 8 video channels Dedicated for connecting coaxial cables Mounting - 19 "RACK cabinet, 1U height Additional holes for fixing the bands</p>	<p>37,86 €</p>

	<p>8-channel connection panel for coaxial cable with power distribution</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) and 5Mpix systems 8 video channels Dedicated for connecting coaxial cables Power distribution 12VDC for 8 cameras (24V on request) Built-in automatic fuses on the power line Mounting - 19 "RACK cabinet, 1U height Additional holes for fixing the bands</p>	52,86 €
	<p>8-channel connection panel with transformer for twisted pair</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) and 5Mpix systems 8 video channels Built-in transformers for UTP twisted pair Mounting - 19 "RACK cabinet, 1U height Additional holes for fixing the bands</p>	53,33 €
	<p>8-channel connection panel with transformer for twisted pair and power distribution</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) and 5Mpix systems 8 video channels Built-in transformers for UTP twisted pair Power distribution 12VDC for 8 cameras (24V on request) Mounting -in automatic fuses on the power line Fixing - 19 "RACK cabinet, 1U height Additional holes for fixing the bands</p>	67,62 €
	<p>8-channel AHD, CVI, TVI surge protection, PRO series with a universal twisted-pair or coaxial cables connectors</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) and 5Mpix systems 2 levels of surge protection (gas protector + Transil) Effectiveness of protection 4kV / 4kA, 8/20 us 2-way signal transmission Universal inputs for twisted pair and coaxial cables Built-in transformers for UTP twisted pair Mounting - 19 "RACK cabinet, 1U height Discharging the load to the ground</p>	85,48 €
	<p>8-channel AHD, CVI, TVI surge protection PRO series with universal connector for twisted pair or coaxial cables and power distribution</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) and 5Mpix systems 2 levels of surge protection (gas protector + Transil) Effectiveness of protection 4kV / 4kA, 8/20 us 2-way signal transmission Universal inputs for twisted pair and coaxial cables Built-in transformers for UTP twisted pair Power distribution 12VDC for 8 cameras (24V on request) Built-in automatic fuses on the power line Optical and audible short-circuit indication Mounting - 19 "RACK cabinet, 1U height Discharging the load to the ground</p>	104,52 €
	<p>8-channel AHD, CVI, TVI surge protection, EXT series with universal connector for twisted pair or coaxial cables</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) and 5Mpix systems 3 levels of surge protection (gas protector + Transil + MOSFET) Super fast response time - MOSFET fuse Effectiveness of protection 4kV / 10kA, 8/20 us 2-way signal transmission Universal inputs for twisted pair and concentrate Built-in transformers for UTP twisted pair Mounting - 19 "RACK cabinet, 1U height Discharging the load to the ground</p>	104,52 €
	<p>8-channel AHD, CVI, TVI surge protection, EXT series with universal connector for twisted pair or coaxial cables and power distribution</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) and 5Mpix systems 3 levels of surge protection (gas protector + Transil + MOSFET) Super fast response time - MOSFET fuse Effectiveness of protection 4kV / 10kA, 8/20 us 2-way signal transmission Universal inputs for twisted pair and coaxial cables Built-in transformers for UTP twisted pair Power distribution 12VDC for 8 cameras (24V on request) Built-in automatic fuses on the power line Optical and audible short-circuit indication Mounting - 19 "RACK cabinet, 1U height Discharging the load to the ground</p>	123,57 €
	<p>8-channel AHD, CVI, TVI overvoltage protection with separation EXT series with transformer for twisted pair</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) 3 levels of surge protection (gas protector + Transil + MOSFET) Super fast response time - MOSFET fuse Protects against potential differences and disturbances due to ground loops Effectiveness of protection 4kV / 10kA, 8/20 us 2-way signal transmission 800VDC galvanic isolation Mounting-in transformers for UTP twisted pair Fixing - 19 "RACK cabinet, 1U height Discharging the load to the ground</p>	123,81 €

	<p>8-channel AHD, CVI, TVI overvoltage protection with separation, EXT series with transformer for twisted pair and power distribution</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) 3 levels of surge protection (gas protector + Transil + MOSFET) Super fast response time - MOSFET fuse Protects against potential differences and disturbances due to ground loops Effectiveness of protection 4kV / 10kA, 8/20 us 2-way signal transmission 800VDC galvanic isolation Built-in transformers for UTP Power distribution 12VDC for 8 cameras (24V on request) Built-in automatic fuses on the power line Optical and audible short-circuit indication Mounting - 19 "RACK cabinet, 1U height Discharging the load to the ground</p>	<p>142,86 €</p>
	<p>8-channel AHD, CVI, TVI overvoltage protection with separation, EXT series for coaxial cable</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) 3 levels of surge protection (gas protector + Transil + MOSFET) Super fast response time - MOSFET fuse Protects against potential differences and disturbances due to ground loops Effectiveness of protection 4kV / 10kA, 8/20 us 2-way signal transmission 800VDC galvanic isolation Mounting - 19 "RACK cabinet, 1U height Discharging the load to the ground</p>	<p>123,81 €</p>
	<p>8-channel AHD, CVI, TVI overvoltage protection with separation, EXT series for coaxial cable and power distribution</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) 3 levels of surge protection (gas protector + Transil + MOSFET) Super fast response time - MOSFET fuse Protects against potential differences and disturbances due to ground loops Effectiveness of protection 4kV / 10kA, 8/20 us 2-way signal transmission 800VDC galvanic isolation Power distribution 12VDC for 8 cameras (24V on request) Built-in automatic fuses on the power line Optical and audible short-circuit indication Mounting - 19 "RACK cabinet, 1U height Discharging the load to the ground</p>	<p>142,86 €</p>
8-CHANNEL CONNECTION SYSTEM AND SURGE PROTECTOR HD		
	<p>16-channel connection panel for coaxial cable</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) and 5Mpix systems 16 Video channels Dedicated for connecting coaxial cables Mounting - 19 "RACK cabinet, 1U height Additional holes for fixing the bands</p>	<p>55,24 €</p>
	<p>16-channel connection panel for coaxial cable with power distribution</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) and 5Mpix systems 16 Video channels Dedicated for connecting coaxial cables Power distribution 12VDC for 16 cameras (24V on request) Built-in automatic fuses on the power line Mounting - 19 "RACK cabinet, 1U height Additional holes for fixing the bands</p>	<p>85,00 €</p>
	<p>16-channel connection panel with transformer for twisted pair</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) and 5Mpix systems 16 Video channels Built-in transformers for UTP Mounting - 19 "RACK cabinet, 1U height Additional holes for fixing the bands</p>	<p>80,95 €</p>
	<p>16-channel connection panel with transformer for twisted pair and power distribution</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) and 5Mpix systems 16 Video channels Built-in transformers for UTP Power distribution 12VDC for 16 cameras (24V on request) Built-in automatic fuses on the power line Mounting - 19 "RACK cabinet, 1U height Additional holes for fixing the bands</p>	<p>110,00 €</p>
	<p>16-channel AHD, CVI, TVI surge protection, PRO series with universal twisted-pair or coaxial connector</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) and 5Mpix systems 2 levels of surge protection (gas protector + Transil) Effectiveness of protection 4kV / 4kA, 8/20 us 2-way signal transmission Universal inputs for twisted pair and concentrate Built-in transformers for UTP twisted pair Mounting - 19 "RACK cabinet, 1U height Discharging the load to the ground</p>	<p>132,86 €</p>

<p>LHD-16R-PRO-FPS</p> 	<p>16-channel AHD, CVI, TVI overvoltage protection PRO series with universal connector for twisted pair or coaxial cables and power distribution</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) and 5Mpix systems 2 levels of surge protection (gas protector + Transil) Effectiveness of protection 4kV / 4kA, 8/20 us 2-way signal transmission Universal inputs for twisted pair and coaxial cables Built-in transformers for UTP twisted pair Power distribution 12VDC for 16 cameras (24V on request) Built-in automatic fuses on the power line Optical and audible short-circuit indication Mounting- 19 "RACK cabinet, 1U height Discharging the load to the ground</p>	<p>168,57 €</p>
<p>LHD-16R-EXT</p> 	<p>16-channel AHD, CVI, TVI surge protection EXT series with universal connector for twisted pair or coaxial cables</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) and 5Mpix systems 3 levels of surge protection (gas protector + Transil + MOSFET) Super fast response time - MOSFET fuse Effectiveness of protection 4kV / 10kA, 8/20 us 2-way signal transmission Universal inputs for twisted pair and concentrate Built-in transformers for UTP twisted pair Mounting - 19 "RACK cabinet, 1U height Discharging the load to the ground</p>	<p>161,67 €</p>
<p>LHD-16R-EXT-FPS</p> 	<p>16-channel AHD, CVI, TVI overvoltage protection EXT series with universal connector for twisted pair or coaxial cables and power distribution</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) and 5Mpix systems 3 levels of surge protection (gas protector + Transil + MOSFET) Super fast response time - MOSFET fuse Effectiveness of protection 4kV / 10kA, 8/20 us 2-way signal transmission Universal inputs for twisted pair and coaxial cables Built-in transformers for UTP twisted pair Power distribution 12VDC for 16 cameras (24V on request) Built-in automatic fuses on the power line Optical and audible short-circuit indication Mounting - 19 "RACK cabinet, 1U height Discharging the load to the ground</p>	<p>197,38 €</p>
<p>LHST-16R-EXT</p> 	<p>16-channel AHD, CVI, TVI overvoltage protection with Video separation, EXT series with transformer for twisted pair</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) 3 levels of surge protection (gas protector + Transil + MOSFET) Super fast response time - MOSFET fuse Protects against potential differences and disturbances due to ground loops Effectiveness of protection 4kV / 10kA, 8/20 us 2-way signal transmission 800VDC galvanic isolation Built-in transformers for UTP twisted pair Mounting - 19 "RACK cabinet, 1U height Discharging the load to the ground</p>	<p>191,67 €</p>
<p>LHST-16R-EXT-FPS</p> 	<p>16-channel AHD, CVI, TVI overvoltage protection with Video separation EXT series with transformer for twisted pair and power distribution</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) 3 levels of surge protection (gas protector + Transil + MOSFET) Super fast response time - MOSFET fuse Protects against potential differences and disturbances due to ground loops Effectiveness of protection 4kV / 10kA, 8/20 us 800VDC galvanic isolation Built-in transformers for UTP twisted pair 2-way signal transmission Power distribution 12VDC for 16 cameras (24V on request) Built-in automatic fuses on the power line Optical and audible short-circuit indication Mounting- 19 "RACK cabinet, 1U height Discharging the load to the ground</p>	<p>226,19 €</p>
<p>LHSO-16R-EXT</p> 	<p>16-channel AHD, CVI, TVI overvoltage protection with Video separation EXT series for coaxial cable</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD) 3 levels of surge protection (gas protector + Transil + MOSFET) Super fast response time - MOSFET fuse Protects against potential differences and disturbances due to ground loops Effectiveness of protection 4kV / 10kA, 8/20 us 2-way signal transmission 800VDC galvanic isolation Mounting - 19 "RACK cabinet, 1U height Discharging the load to the ground</p>	<p>191,67 €</p>

<p>LHSO-16R-EXT-FPS</p> 	<p>16-channel overvoltage protection with Video AHD, CVI, TVI separation EXT series for coaxial cable and power distribution</p> <p>Compatible with AHD, HD-CVI, HD-TVI (Turbo HD)</p> <p>3 levels of surge protection (gas protector + Transil + MOSFET)</p> <p>Super fast response time - MOSFET fuse</p> <p>Protects against potential differences and disturbances due to ground loops</p> <p>Effectiveness of protection 4kV / 10kA, 8/20 us</p> <p>2-way signal transmission</p> <p>800VDC galvanic isolation</p> <p>Power distribution 12VDC for 16 cameras (24V on request)</p> <p>Built-in automatic fuses on the power line</p> <p>Optical and audible short-circuit indication</p> <p>Mounting - 19 "RACK cabinet, 1U height</p> <p>Discharging the load to the ground</p>	<p>226,19 €</p>
<p>LK-Mount</p> 	<p>Mounting brackets for Rack cabinets</p> <p>Designed for ordering panels and overvoltage protection devices</p> <p>Allows attaching the panels at a 45-degree angle</p> <p>Mounted in the back of the rack</p> <p>The set includes right and left handle</p>	<p>7,14 €</p>
COMPRESSION CRIMP CONNECTOR BNC-BNC		
<p>Patchcord 50cm</p> 	<p>BNC-BNC Connection cable</p> <p>High-quality BNC sockets assembled by compression</p> <p>RG59 cable with a length of 50cm</p> <p>Low signal losses</p> <p>Patchcord has a high resistance to mechanical damage and tearing</p> <p>Compatible with ANALOG, AHD, HD-CVI, HD-TVI (Turbo HD)</p>	<p>4,29 €</p>
<p>Patchcord 100cm</p> 	<p>BNC-BNC Connection cable</p> <p>High-quality BNC sockets assembled by compression</p> <p>Cable type RG59 with a length of 100cm</p> <p>Low signal losses</p> <p>Patchcord has a high resistance to mechanical damage and tearing</p> <p>Compatible with ANALOG, AHD, HD-CVI, HD-TVI (Turbo HD)</p>	<p>4,76 €</p>
<p>Patchcord 150cm</p> 	<p>BNC-BNC Connection cable</p> <p>High-quality BNC sockets assembled by compression</p> <p>Cable type RG59 with a length of 150cm</p> <p>Low signal losses</p> <p>Patchcord has a high resistance to mechanical damage and tearing</p> <p>Compatible with ANALOG, AHD, HD-CVI, HD-TVI (Turbo HD)</p>	<p>5,24 €</p>
SURGE ARRESTERS AND GALVANIC SEPARATORS TO ANALOG SYSTEM		
1-CHANNEL SURGE ARRESTERS TO ANALOG SYSTEM		
<p>SUG-3F</p> 	<p>1-channel overvoltage protection for cameras on coaxial cable with BNC sockets</p> <p>3 levels of surge protection</p> <p>Dedicated to the coaxial cable</p> <p>Discharging the load to the ground</p> <p>Input connector: BNC socket</p> <p>Output connector: BNC socket - SUG-3</p> <p>Output connector: BNC plug on the cable - SUG-3F</p>	<p>8,57 €</p>
<p>SUG-4BF</p> 	<p>1-channel overvoltage protection for cameras with UTP transformer</p> <p>3 levels of surge protection</p> <p>Built-in high frequency compensation filter</p> <p>Built-in transformer for UTP Discharging the load to the ground</p> <p>Input connector: Screw terminal</p> <p>Output connector: BNC socket - SUG-4B</p> <p>Output connector: BNC connector on the cable - SUG-4BF</p>	<p>11,43 €</p>
<p>CVG300</p> 	<p>1-channel galvanic separator with anti-interference filter for BNC cable</p> <p>It protects against potential differences and interferences caused by ground loops</p> <p>Built-in anti-interference filter</p> <p>Dedicated for connecting to coaxial cables</p> <p>Surge protection up to 1.5kV</p> <p>Small dimensions and a new housing</p> <p>Input connector: BNC socket</p>	<p>16,43 €</p>
<p>TVG300</p> 	<p>1-channel galvanic separator with anti-interference filter for UTP cable</p> <p>It protects against potential differences and interferences caused by ground loops</p> <p>Built-in anti-interference filter</p> <p>Built-in transformer for UTP</p> <p>Surge protection up to 1.5kV</p> <p>Small dimensions and a new housing</p>	<p>18,10 €</p>
<p>SUG-BOX1</p> 	<p>1-channel external surge protection for cameras in a hermetic container</p> <p>Universal output for coaxial cable and twisted pair</p> <p>Built-in high quality galvanic Video separator for PAL track for twisted pair and coaxial cables</p> <p>4kV / 10kA (8 / 20us) overvoltage protection for Video track and 12VDC power supply</p> <p>The product can be adapted to 24VAC power supply</p> <p>A set of connectors to facilitate the connection of the camera</p> <p>Recommended for cameras mounted outside buildings and on poles and masts</p> <p>High-quality IP66 housing, with the possibility of mounting on a U-BOX post bracket</p> <p>The lid is secured with a cord</p>	<p>40,48 €</p>

 <p>SUG-BOX2</p>	<p>1-channel external surge protection for rotary cameras in a hermetic box</p> <p>Universal output for coaxial cable and twisted pair Built-in high quality galvanic Video separator for PAL track for twisted pair and coaxial cables 4kV / 10kA (8 / 20us) surge protection for Video track, 24VAC power supply, and RS-485 Built-in high quality RS-485 bus separator A set of connectors to facilitate the connection of the camera Recommended for cameras mounted outside buildings and on poles and masts High-quality IP66 housing, with the possibility of mounting on a U-BOX post bracket The lid is secured with a cord Large cable entries with rubber membranes Housing dimensions 151 x 117 x 67 mm</p>	<p>47,38 €</p>
4-CHANNEL SURGE ARRESTERS TO ANALOG SYSTEM		
 <p>LKTO-4</p>	<p>4-channel overvoltage protection with universal twisted-pair or coaxial connector</p> <p>Protection of 4 PAL video channels 3 levels of overvoltage protection 2-way signal transmission Universal inputs for twisted pair and coaxial cables Built-in transformers for UTP Discharging the load to the ground Free-standing housing, can be screwed</p>	<p>40,24 €</p>
 <p>LKTO-4-FPS</p>	<p>4-channel overvoltage protection with universal twisted-pair or coaxial connector and power distribution</p> <p>Protection of 4 PAL video channels 3 levels of overvoltage protection 2-way signal transmission Universal inputs for twisted pair and coaxial cables Built-in transformers for UTP Distribution of 12VDC power supply for 4 cameras (24V on request) Built-in automatic fuses on the power line Discharging the load to the ground Free-standing housing, can be screwed</p>	<p>47,38 €</p>
 <p>LKO-4F</p>	<p>4-channel surge protection with BNC sockets</p> <p>Protection of 4 PAL video channels Dedicated for connecting coaxial cables 3 levels of overvoltage protection Discharging the load to the ground Free-standing housing, can be screwed Output connector: BNC socket - LKO-4 Output connector: BNC plug on the cable - LKO-4F</p>	<p>30,48 €</p>
 <p>LSO-4F LITE</p>	<p>4-channel separator with BNC connectors / sockets</p> <p>Protection of 4 PAL video channels Dedicated for connecting coaxial cables It protects against potential differences and interferences caused by ground loops Built-in anti-interference filter A galvanic separator for each channel Cables with BNC connectors Discharging the load to the ground</p>	<p>49,52 €</p>
 <p>LSO-4F</p>	<p>4-channel separator integrated with overvoltage protection</p> <p>Protection of 4 PAL video channels Dedicated for connecting coaxial cables It protects against potential differences and interferences caused by ground loops Built-in anti-interference filter A galvanic separator for each channel 3 levels of overvoltage protection Cables with BNC connectors Discharging the load to the ground Free-standing housing, can be screwed</p>	<p>63,81 €</p>
 <p>LKT-4F</p>	<p>4-channel overvoltage protection with UTP transformer</p> <p>Protection of 4 PAL video channels Built-in transformers for UTP BNC sockets for the concentrate 3 levels of overvoltage protection Discharging the load to the ground Free-standing housing, screwed Input connector: Removable block Output connector: BNC socket - LKT-4 Output connector: BNC plug on the cable - LKT-4F</p>	<p>33,81 €</p>
 <p>LST-4F LITE</p>	<p>4-channel separator integrated with video transformer</p> <p>Protection of 4 PAL video channels It protects against potential differences and interferences caused by ground loops Built-in anti-interference filter Built-in transformers for UTP Removable connector for twisted pair A galvanic separator for each channel Effectively eliminates distortions in the image Cables with BNC connectors</p>	<p>54,29 €</p>
 <p>LST-4F</p>	<p>4-channel separator with transformer integrated with overvoltage protection</p> <p>Protection of 4 PAL video channels It protects against potential differences and interferences caused by ground loops Built-in anti-interference filter Built-in transformers for UTP Removable connector for twisted pair A galvanic separator for each channel Effectively eliminates distortions in the image 3 levels of overvoltage protection Cables with BNC connectors</p>	<p>67,14 €</p>

8-CHANNEL CONNECTION SYSTEM AND SURGE PROTECTOR TO ANALOG SYSTEM		
FKO-8 	8-channel connection panel for coaxial cable 8 PAL video channels Dedicated for connecting coaxial cables Compatible with AHD, HD-CVI, HD-TVI Mounting - 19 "RACK cabinet, 1U height Additional holes for fixing the bands	37,86 €
FKO-8-FPS 	8-channel connection panel for coaxial cable with power distribution 8 PAL video channels Dedicated for connecting coaxial cables Power distribution 12VDC for 8 cameras (24V on request) Built-in automatic fuses on the power line Compatible with AHD, HD-CVI, HD-TVI Mounting - 19 "RACK cabinet, 1U height Additional holes for fixing the bands	52,86 €
FKT -8 	8-channel connection panel with transformer for twisted pair 8 PAL video channels Built-in transformers for UTP Mounting - 19 "RACK cabinet, 1U height Additional holes for fixing the bands	47,14 €
FKT-8-FPS 	8-channel connection panel with transformer for twisted pair and power distribution 8 PAL video channels Built-in transformers for UTP Power distribution 12VDC for 8 cameras (24V on request) Built-in automatic fuses on the power line Mounting - 19 "RACK cabinet, 1U height Additional holes for fixing the bands	62,86 €
LKTO-8R 	8-channel overvoltage protection with universal twisted-pair or coaxial connector 8 PAL video channels Universal inputs for twisted pair or cone 3 levels of surge protection Built-in transformers for UTP Low level of signal attenuation Easy connection of coaxial cables Mounting - 19 "RACK cabinet, 1U height Discharging the load to the ground	75,00 €
LKTO-8R-FPS 	8-channel overvoltage protection with universal twisted-pair or coaxial connector and power distribution 8 PAL video channels Universal inputs for twisted pair or cone 3 levels of surge protection Built-in transformers for UTP Easy connection of coaxial cables Power distribution 12VDC for 8 cameras (24V on request) Built-in automatic fuses on the power line Optical and audible short-circuit indication Mounting - 19 "RACK cabinet, 1U height Discharging the load to the ground	108,33 €
LSO-8R 	8-channel video separator with overvoltage protection for coaxial cable 8 PAL video channels Galvanic separation based on an amorphous core Low signal attenuation Protection against the effects of potential difference Dedicated for connecting coaxial cables 3 levels of surge protection Mounting- 19 "RACK cabinet, 1U height Discharging the load to the ground	152,14 €
LSO-8R-FPS 	8-channel video separator with overvoltage protection for coaxial cable and with power distribution 8 PAL video channels Galvanic separation based on an amorphous core Low signal attenuation Protection against the effects of potential difference Dedicated for connecting coaxial cables 3 levels of surge protection Power distribution 12VDC for 8 cameras (24V on request)	171,19 €
LST-8R 	8-channel video separator with overvoltage protection and transformer for twisted pair 8 PAL video channels Built-in transformers for UTP Galvanic separation based on an amorphous core Low signal attenuation Protection against the effects of potential difference 3 levels of surge protection	175,95 €
LST-8R-FPS 	8-channel video separator with overvoltage protection, twisted pair transformer and with power distribution 8 PAL video channels Built-in transformers for UTP Galvanic separation based on an amorphous core Low signal attenuation Protection against the effects of potential difference Power distribution 12VDC for 8 cameras (24V on request) Built-in automatic fuses on the power line Optical and audible short-circuit indication 3 levels of surge protection	195,00 €
16-CHANNEL CONNECTION SYSTEM AND SURGE PROTECTOR TO ANALOG SYSTEM		

<p>FKO-16</p> 	<p>16-channel connection panel for coaxial cable</p> <p>16 PAL Video channels Dedicated for connecting coaxial cables Compatible with AHD, HD-CVI, HD-TVI Mounting - 19 "RACK cabinet, 1U height Additional holes for fixing the bands</p>	<p>55,24 €</p>
<p>FKO-16-FPS</p> 	<p>16-channel connection panel for coaxial cable with power distribution</p> <p>16 PAL Video channels Dedicated for connecting coaxial cables Power distribution 12VDC for 16 cameras (24V on request) Built-in automatic fuses on the power line Compatible with AHD, HD-CVI, HD-TVI Mounting - 19 "RACK cabinet, 1U height Additional holes for fixing the bands</p>	<p>85,00 €</p>
<p>FKT-16</p> 	<p>16-channel connection panel with transformer for twisted pair</p> <p>16 PAL Video channels Built-in transformers for UTP twisted pair Mounting - 19 "RACK cabinet, 1U height Additional holes for fixing the bands</p>	<p>74,52 €</p>
<p>FKT-16-FPS</p> 	<p>16-channel connection panel with transformer for twisted pair and with power distribution</p> <p>16 Video PAL channels Built-in transformers for UTP Power distribution 12VDC for 16 cameras (24V on request) Built-in automatic fuses on the power line Mounting - 19 "RACK cabinet, 1U height Additional holes for fixing the bands</p>	<p>104,29 €</p>
<p>LKTO-16R</p> 	<p>16-channel overvoltage protection with universal twisted-pair or coaxial cable connector</p> <p>16 PAL Video channels Universal inputs for twisted pair and coaxial cable 3 levels of surge protection Built-in transformers for UTP A solution for installations using various types of wires Easy connection of coaxial cables Mounting - 19 "RACK cabinet, 1U height</p>	<p>113,10 €</p>
<p>LKTO-16R-FPS</p> 	<p>16-channel overvoltage protection with universal twisted-pair or coaxial cable connector and with power distribution</p> <p>16 PAL Video channels Universal inputs for twisted pair and coaxial cable 3 levels of surge protection Built-in transformers for UTP A solution for installations using various types of wires Easy connection of coaxial cables Power distribution 12VDC for 16 cameras (24V on request) Built-in automatic fuses on the power line Optical and audible short-circuit indication Additional holes for fixing the bands Mounting - 19 "RACK cabinet, 1U height Discharging the load to the ground</p>	<p>179,76 €</p>
<p>LSO-16R</p> 	<p>16-channel video separator with security for coaxial cable</p> <p>16 PAL Video channels Galvanic separation based on an amorphous core Low signal attenuation Protection against the effects of potential difference Dedicated for connecting coaxial cables 3 levels of surge protection Additional holes for fixing the bands Provides the highest level of protection for devices</p>	<p>263,33 €</p>
<p>LSO-16R-FPS</p> 	<p>16-channel video separator with security for coaxial cable and with power distribution</p> <p>16 Video PAL channels Galvanic separation based on an amorphous core Low signal attenuation Protection against the effects of potential difference Dedicated for connecting coaxial cables 3 levels of surge protection</p>	<p>301,43 €</p>
<p>LST-16R</p> 	<p>16-channel video separator with overvoltage protection and transformer for twisted pair</p> <p>16 Video PAL channels Built-in transformers for UTP Galvanic separation based on an amorphous core Low signal attenuation Protection against the effects of potential difference 3 levels of surge protection Additional holes for fixing the bands</p>	<p>276,19 €</p>
<p>LST-16R-FPS</p> 	<p>16-channel video separator with overvoltage protection, twisted pair transformer and with power distribution</p> <p>16 PAL Video channels Built-in transformers for UTP Galvanic separation based on an amorphous core Low signal attenuation Protection against the effects of potential difference Power distribution 12VDC for 16 cameras (24V on request) Built-in automatic fuses on the power line Optical and audible short-circuit indication 3 levels of surge protection</p>	<p>315,71 €</p>

PROTECTION OF POWER SUPPLY

<p>SUG-7 / 12VDC</p> 	<p>12V DC power line Overvoltage protection</p> <p>3 levels of surge protection (gas protector + Transil + automatic fuse) Surge protection for 12VDC Efficiency of protection up to 10kA Protection against short circuits Discharging the load to the ground Protection against the increase of the supply voltage Compact housing dimensions</p>	15,48 €
<p>SUG-7 / 24VAC</p> 	<p>24V AC power line Overvoltage protection</p> <p>3 levels of surge protection (gas protector + Transil + automatic fuse) Overvoltage protection for 24V AC Efficiency of protection up to 10kA Protection against short circuits Discharging the load to the ground Protection against the increase of the supply voltage Compact housing dimensions</p>	15,48 €
<p>SUG-7 / 24VDC</p> 	<p>24V DC power line Surge protection</p> <p>3 levels of surge protection (gas protector + Transil + automatic fuse) Surge protection for 24V DC Efficiency of protection up to 10kA Protection against short circuits Discharging the load to the ground Protection against the increase of the supply voltage Compact housing dimensions</p>	15,48 €
<p>SUG-7 / 48VDC</p> 	<p>48V DC power line Overvoltage protection</p> <p>3 levels of surge protection (gas protector + Transil + automatic fuse) Surge protection for 48V DC Efficiency of protection up to 10kA Protection against short circuits Discharging the load to the ground Protection against the increase of the supply voltage Compact housing dimensions</p>	15,48 €
<p>SUG-7-DIN / 12VDC</p> 	<p>12V DC power line Overvoltage protection for a DIN rail</p> <p>3 levels of surge protection (gas protector + Transil + automatic fuse) Surge protection for 12VDC Protection against short circuits Discharging the load to the ground Protection against the increase of the supply voltage Mounted on a DIN rail High-quality housing</p>	22,62 €
<p>SUG-7-DIN / 24VAC</p> 	<p>24V AC power line Overvoltage protection for DIN rail</p> <p>3 levels of surge protection (gas protector + Transil + automatic fuse) Overvoltage protection for 24V AC Efficiency of protection up to 10kA Protection against short circuits Discharging the load to the ground Protection against the increase of the supply voltage Mounted on a DIN rail High-quality housing</p>	22,62 €
<p>SUG-7-DIN / 24VDC</p> 	<p>24V DC power line Overvoltage protection for DIN rail</p> <p>3 levels of surge protection (gas protector + Transil + automatic fuse) Surge protection for 24V DC Efficiency of protection up to 10kA Protection against short circuits Discharging the load to the ground Protection against the increase of the supply voltage Mounted on a DIN rail High-quality housing</p>	22,62 €
<p>SUG-7-DIN / 48VDC</p> 	<p>48V DC power line Overvoltage protection for DIN rail</p> <p>3 levels of surge protection (gas protector + Transil + automatic fuse) Surge protection for 48V DC Efficiency of protection up to 10kA Protection against short circuits Discharging the load to the ground Protection against the increase of the supply voltage Mounted on a DIN rail High-quality housing</p>	22,62 €
<p>SUG-5</p> 	<p>230V Miniature surge protection</p> <p>Protection for 230V power supply Small dimensions Freedom of connection Passive work Recommended for switching power supplies</p>	4,29 €

SURGE PROTECTORS FOR RS-485

 <p>SUG-7 / RS-485</p>	<p>RS-485 bus overvoltage protections</p> <p>3 levels of surge protection (gas protector + Transil + MOSFET) Efficiency of protection up to 10kA Super fast MOSFET fuse Protection of transmission cables Low circuit capacity Protection against surges and potential differences Compact housing dimensions</p>	<p>17,86 €</p>
 <p>SUG-7-DIN / RS-485</p>	<p>RS-485 bus overvoltage protector for DIN rail</p> <p>3 levels of surge protection (gas protector + Transil + MOSFET) Efficiency of protection up to 10kA Super fast MOSFET fuse Protection of transmission cables Low circuit capacity Protection against surges and potential differences Mounted on a DIN rail High-quality housing</p>	<p>25,00 €</p>
TELEMETRY ACCESSORIES		
 <p>EW485/1/1/So</p>	<p>Active unidirectional RS-485 bus amplifier</p> <p>1-way transmission 1 RS-485 input (slave) 1 RS-485 output (master) Transmission up to 1Mbit Optical separation 1kV Surge protection up to 600W 9 ~ 24V DC power supply Extending the bus by another 1200m</p>	<p>30,71 €</p>
 <p>EW-485/1/2/So</p>	<p>Active bi-directional separator repeater of RS-485 bus</p> <p>2-way Half Duplex transmission Optical signaling of transmission and reception Transmission from 300bit to 1Mbit Optical separation 1kV Surge protection up to 600W 9 ~ 24V DC power supply Extending the bus by another 1200m</p>	<p>42,62 €</p>
 <p>EW-Biphase/4/1</p>	<p>Active amplifier and splitter of Biphase bus</p> <p>1-way transmission 1 Biphase entrance 4 Biphase outputs 31250 baud transmission Surge protection up to 600W 9 ~ 24V DC power supply Dimensions 92 x 125 x 35 (mm)</p>	<p>83,81 €</p>
 <p>EW485/4/1</p>	<p>Active amplifier and splitter of RS-485 bus</p> <p>1-way transmission 1 RS-485 input 4 RS-485 outputs Transmission from 300baud to 115kbaud Surge protection up to 600W 9 ~ 24V DC power supply Extending the bus by another 1200m Dimensions 92 x 125 x 35 (mm)</p>	<p>83,81 €</p>
 <p>EW485/4/1/So</p>	<p>Active amplifier and splitter with optical separation for RS-485 bus</p> <p>1-way transmission 1 RS-485 input 4 RS-485 outputs Transmission from 300baud to 115kbaud Optical separation 1kV Surge protection up to 600W 9 ~ 24V DC power supply Extending the bus by another 1200m Dimensions 92 x 125 x 35 (mm)</p>	<p>104,29 €</p>
 <p>EW485/4/2/So</p>	<p>Active bi-directional amplifier and splitter for RS-485 bus with optical separation</p> <p>2-way Half Duplex transmission 1 RS-485 input 4 RS-485 outputs Transmission from 300baud to 115kbaud Optical separation 1kV Surge protection up to 600W 9 ~ 24V DC power supply Extending the bus by another 1200m Dimensions 92 x 125 x 35 (mm)</p>	<p>132,86 €</p>
CONVERTERS OF COMMUNICATION PROTOCOLS		
 <p>EW-Pelco-Merger</p>	<p>Pelco-D and Pelco-P merger protocol</p> <p>2 RS-485 input ports 1 RS-485 output port Automatic protocol detection Support for Pelco-P and Pelco-D protocol Wide voltage supply surge Elimination of collisions Setting priorities Watchdog controlling the software</p>	<p>142,86 €</p>

	<p>Pelco D / Lilin Bidirectional converter Supported protocols: Pelco-D, Lilin Real-time conversion Adjustable transmission speed Twice extends the RS-485 bus Removable screw connections.</p>	158,81 €
	<p>D-Max to Dahua protocol converter Input protocol: D-Max recorder / keyboard Output protocol: Dahua Real-time conversion Adjustable transmission speed Twice extends the RS-485 bus Removable screw connections</p>	105,71 €
	<p>Pelco P to Pelco D Bi-directional converter Input protocol: Pelco-P recorder / keyboard Output protocol: Pelco-D Real-time conversion Adjustable transmission speed Twice extends the RS-485 bus Removable screw connections</p>	105,71 €
	<p>Kalatel to Pelco-D protocol converter Input protocol: Kalatel recorder / keyboard Output protocol: Pelco-D Real-time conversion Adjustable transmission speed Twice extends the RS-485 bus Removable screw connections</p>	158,81 €
	<p>D-Max to Pelco-D Bi-directional converter Supported D-Max, Pelco-D protocols Real-time conversion Adjustable transmission speed Twice extends the RS-485 bus Removable screw connections</p>	158,81 €
	<p>Pelco-D, Pelco- to Kalatel cyber-dome protocol converter Input protocol: Recorder / keyboard Pelco-D, Pelco-P Output protocol: Kalatel Real-time conversion Adjustable transmission speed Twice extends the RS-485 bus Removable screw connections</p>	158,81 €
	<p>Bosch Biphas to Pelco-D two-way converter Supported protocols: Bosch Biphas, Pelco-D Support for multiple cameras Real-time conversion Adjustable transmission speed Twice extends the RS-485 bus Removable screw connections</p>	228,10 €
	<p>Bosch Biphas to Pelco-D two-way converter Supported protocols: Bosch Biphas, Pelco-D Support for one camera Real-time conversion Adjustable transmission speed Twice extends the RS-485 bus Removable screw connections</p>	158,81 €
	<p>Converter for controlling Pelco-D cameras with Bosch keyboard Input protocol: Recorder / keyboard KBD Universal / Digital Output protocol: Pelco-D Two microprocessors Adjustable transmission speed Twice extends the RS-485 bus</p>	237,86 €
	<p>Bosch KDB to UNIVERSAL on RS-485 converter Input protocol: Recorder/ keyboard KBD Universal / Digital Output protocol: Bosch RS-485 Built-in two microprocessors Adjustable transmission speed Twice extends the RS-485 bus</p>	237,86 €
	<p>Converter KBD to BiPhase, Bosch KBD - UNIVERSAL Input protocol: Recorder / keyboard KBD Universal / Digital Output protocol: Bosch Bi-Phase Real-time conversion Adjustable transmission speed</p>	237,86 €
	<p>KBD-UNIVERSAL converter for Dahua recorders Input protocol: Recorder / keyboard KBD Universal / Digital Output protocol: Dahua Two microprocessors Adjustable transmission speed Twice extends the RS-485 bus</p>	237,86 €
	<p>Pelco-D to TEB Protocol converter Input protocol: Pelco-D recorder / keyboard Output protocol: TEB Two microprocessors Adjustable transmission speed Real-time conversion</p>	261,90 €

	<p>TEB to Pelco-D Protocol converter</p> <p>Input protocol: TEB Recorder/ keyboard Output protocol: Pelco-D Two microprocessors Adjustable transmission speed Real-time conversion</p>	261,90 €
	<p>Pelco-D / Pelco-P Sensormatic universal converter</p> <p>Supported protocols: Pelco-D / Pelco-P, Sensormatic Real-time conversion Adjustable transmission speed Twice extends the RS-485 bus Two variants of work: Support for one camera with presets memory Support for multiple cameras</p>	182,62 €
USB MOUSE EXTENDER		
	<p>The active mouse extension allows you to control one device at distances up to 1200m</p> <p>USB Standard: 1.2 / 2.0 Baud rate: 9600 baud Transmission on one pair of twisted pair 1 device support Transmission range up to 1200 m Includes transmitter, receiver, power supply, USB cable and an optical mouse The mouse is controlled in real time Compatible with fiber optic systems and wireless telemetry systems Dimensions 87 x 28 x 51 (mm) Wireless mouse support</p>	81,19 €
	<p>Active addressable mouse extension with optical separation allowing control of 1 device over distances up to 1200m</p> <p>USB Standard: 1.2 / 2.0 Baud rate: 9600 baud Transmission on one pair of twisted pair Support for 1 device Optical separation: elimination of industrial disturbances resulting from potential differences Overvoltage protection up to 600V Transmission range up to 1200 m Included transmitter and addressable receiver with the possibility of expansion with an additional receiver, power supply, USB cable and optical mouse The mouse is controlled in real time Compatible with fiber optic systems and wireless telemetry systems Dimensions 87 x 28 x 51 (mm) Wireless mouse support</p>	92,62 €
	<p>Active addressable mouse extension with optical separation allowing control of up to 8 devices over distances up to 1200m</p> <p>USB Standard: 1.2 / 2.0 Baud rate: 9600 baud Transmission on one pair of twisted pair Supports up to 4 devices with the possibility of extending up to 8 Optical separation: elimination of industrial disturbances resulting from potential differences Overvoltage protection up to 600V Transmission range up to 1200 m Included transmitter and addressable receiver with the possibility of expansion with an additional receiver, power supply, USB cable and optical mouse The mouse is controlled in real time Compatible with fiber optic systems and wireless telemetry systems Dimensions 87 x 28 x 51 (mm) Wireless mouse support</p>	118,81 €
	<p>Single-channel extension with separation dedicated to MUSB</p> <p>USB standard: 1.2, 2.0 1 device support Support for addresses from 1 to 8 Optical separation: elimination of industrial disturbances resulting from potential differences Overvoltage protection up to 600V Transmission range up to 1200 m Cooperates with MUSB1 / 1 / So, MUSB4 / 1 and MUSB4 / 1 / So</p>	61,67 €
	<p>Four-channel extension with optical separation dedicated to MUSB</p> <p>USB Standard 1.2 / 2.0 Supports up to 4 devices Address support 5-8 Optical separation: elimination of industrial disturbances resulting from potential differences Overvoltage protection up to 600V Transmission range up to 1200 m Cooperation with MUSB1 / 1So, MUSB4 / 1, MUSB4 / 1 / So</p>	80,95 €
	<p>Additional MUSB transmitter that allows you to control more than one mouse</p> <p>Allows you to control devices with more than one mouse Works with available MUSB sets Transmission range up to 1200 m USB Standard: 1.2 / 2.0 Baud rate: 9600 baud Transmission on one pair of twisted pair Dimensions 87 x 28 x 51 (mm) Wireless mouse support</p>	40,24 €
PASSIVE DEVICE TO TRANSFER via UTP		

<p>TR-1F-HD</p> 	<p>1-channel passive transformer for UTP cable for AHD, CVI and TVI systems</p> <p>Dedicated to AHD, HD-CVI, HD-TVI (Turbo HD) Compatible with 5Mpix systems Small dimensions High frequency compensation filter Resistance to interference Low attenuation</p>	<p>3,10 €</p>
<p>TR-1F-HD-PWR</p> 	<p>1-channel passive transformers for UTP cable for AHD, CVI, TVI systems with power distribution via twisted pair</p> <p>Dedicated to AHD, HD-CVI, HD-TVI (Turbo HD) Compatible with 5Mpix systems High frequency compensation filter Resistance to interference from power supply fvia twisted pair Low attenuation The set includes: transmitter and receiver</p>	<p>8,57 €</p>
<p>ACTIVE DEVICE TO TRANSFER via UTP</p>		
<p>AUTP-1T</p> 	<p>Active Video transmitter for UTP</p> <p>Active transmission via UTP Adjusting the signal power Connection via BNC socket Removable twisted pair connector Surge protection Range up to 2.4 km with an active receiver</p>	<p>16,43 €</p>

	<p>Active video receiver for UTP</p> <p>Active reception with adjustable sensitivity UTP cable length compensation Connection via BNC socket Removable twisted pair connector Range up to 2.4 km with active transmitter</p>	<p>16,43 €</p>
	<p>Active 16-channel video receiver for twisted pair</p> <p>Support for 16 Video tracks Active reception with adjustable sensitivity UTP cable length compensation Smooth brightness adjustment Range up to 2.4 km with active transmitter Mounting in a 19 "RACK</p>	<p>206,90 €</p>
RELAYS AND PROTECTION MODULE		
	<p>Single relay module</p> <p>NO / NC relay output Independent fuse 12V DC power supply LED signaling of switching it on. Available in a strip of 5 modules Small external dimensions</p>	<p>2,62 €</p>
	<p>Double relay module</p> <p>2 pairs of NO / NC contacts Independent fuses for relay contacts 12V DC power supply LED signaling of switching it on Available in a strip of 5 modules</p>	<p>3,10 €</p>
	<p>Double relay module with two relays</p> <p>NO / NC relay output Independent fuses for relay contacts 12V DC power supply Signaling of switching on the LED Available in a strip of 5 modules</p>	<p>4,05 €</p>
	<p>Delay module</p> <p>NO / NC output 12V DC power supply Adjustable delay time 1 - 30 s Signaling of switching on the LED</p>	<p>3,81 €</p>
	<p>Securing the battery against discharging</p> <p>Output signaling AUX+ lock input Permissible load 5A Cut-off voltage 10,3V Power consumption 24mA Cable length: 30cm</p>	<p>4,52 €</p>
	<p>Time Module</p> <p>Microprocessor control, two operating modes 2 time ranges: 255 seconds or 255 minutes Supply voltage 9 ~ 14V Permissible load on output 2A Triggering with power or mass</p>	<p>14,76 €</p>
	<p>10-channel power distributor with automatic fuses for CCTV equipment</p> <p>10 inputs with 350mA fuses DC socket for connecting the power supply LED signaling diodes Automatic fuses Audible short-circuit indication Each output: 1A Surge protection</p>	<p>11,67 €</p>
	<p>8-channel power distributor with automatic fuses for CCTV equipment</p> <p>8 power inputs DC socket for connecting the power supply Can be attached to the wall LED signaling diodes Automatic fuses Each output 1A Surge protection</p>	<p>9,29 €</p>
	<p>8-channel power distributor in the housing for CCTV equipment</p> <p>8 power inputs DC socket for connecting the power supply Housing with masking screws Can be attached to the wall Each output 1A Surge protection</p>	<p>4,52 €</p>

Manufacturer of security systems

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