



VIDEO SURVEILLANCE

PRICE LIST
November 2011



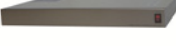

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This Price List is valid from 1st November, 2011. All previous Price Lists are no longer valid.
All prices are in Euro, ex-works, excluding value added tax (VAT).
The warranty period for all products is 2 (two) years following the invoice date.








Due to continuous product improvement all specifications and design are subject to change without notice.







VIDEO MATRIX SWITCHERS

TSA 082S	<p>Video Alarm Sequential Switcher 230Vac, 8IN / 20OUT, RS-232 interface, 8 alarm inputs through RS-232, VCR clock, frame-by-frame switching, vertical interval switching, built-in buzzer, non-volatile RAM backup, on-screen camera/alarm identification, rack mountable using optional rack mount kit TRA and TRK series,</p>	252,97
		
TVS 084	<p>Video Matrix Switcher 12Vdc, 8IN / 40OUT, 8 alarm in, 1 relay out, RS-232 and RS-485 interface, VCR remote control, site control, password protection with user login, priority lockout, programmable camera numbering, system partitioning, universal tours, monitor sequence, multi monitor sequence, salvo switching, video loss detection, automatic activation, alarm processing, real time clock, function processing, event action, alarm status output, multi-language on-screen display, rack mountable.</p>	861,29
		
	<p>TVS 084 Prestige With stainless-steel front panel.</p>	947,39
		
	<p>TVS 084P 100-240Vac, with built-in switching power supply unit.</p>	922,26
	<p>TVS 084P Prestige 100-240Vac, with built-in switching power supply unit, stainless-steel front panel.</p>	1.014,55
TVS 164	<p>Video Matrix Switcher 12Vdc, 16IN / 40OUT, 16 alarm in, 1 relay out, RS-232 and RS-485 interface, VCR remote control, site control, password protection with user login, priority lockout, programmable camera numbering, system partitioning, universal tours, monitor sequence, multi monitor sequence, salvo switching, video loss detection, automatic activation, alarm processing, real time clock, function processing, event action, alarm status output, multi-language on-screen display, rack mountable.</p>	931,94
		
	<p>TVS 164 Prestige With stainless-steel front panel.</p>	1.025,16
		
	<p>TVS 164P 100-240Vac, with built-in switching power supply unit.</p>	996,22
	<p>TVS 164P Prestige 100-240Vac, with built-in switching power supply unit, stainless-steel front panel.</p>	1.095,82
TVM 164	<p>Video Matrix Switcher 12Vdc, 16IN / 40OUT, 1 sync input, 16 sync outputs, 16 alarm inputs, 24 open-collector outputs, 2 relay outputs, RS-232 and RS-485 interface, VCR clock, VCR remote control, site control, password protection with user login, priority lockout, programmable camera numbering, system partitioning, universal tours, monitor sequence, multi monitor sequence, salvo switching, video loss detection, automatic activation, alarm processing, real time clock, function processing, event action, alarm status output, multi-language on-screen display, rack mountable.</p>	1.320,77
		
	<p>TVM 164P 100-240Vac, with built-in switching power supply unit.</p>	1.406,88
TVS 328	<p>Video Matrix Switcher 12Vdc, 32IN / 80OUT, 32 alarm in, 1 relay out, RS-232 and RS-485 interface, VCR remote control, site control, password protection with user login, priority lockout, programmable camera numbering, system partitioning, universal tours, monitor sequence, multi monitor sequence, salvo switching, video loss detection, automatic activation, alarm processing, real time clock, function processing, event action, alarm status output, multi-language on-screen display, rack mountable.</p>	1.745,03
		
	<p>TVS 328 Prestige With stainless-steel front panel.</p>	1.919,51
		
	<p>TVS 328P 100-240Vac, with built-in switching power supply unit.</p>	1.815,68
	<p>TVS 328P Prestige 100-240Vac, with built-in switching power supply unit, stainless-steel front panel.</p>	1.997,27


MODEL NO.	DESCRIPTION	UNIT PRICE (EUR)
TVM 328	Video Matrix Switcher 12Vdc, 32IN / 80OUT, 1 sync input, 32 alarm inputs, 24 open-collector outputs, 2 relay outputs, RS-232 and RS-485 interface, VCR clock, VCR remote control, site control, password protection with user login, priority lockout, programmable camera numbering, system partitioning, universal tours, monitor sequence, multi monitor sequence, salvo switching, video loss detection, automatic activation, alarm processing, real time clock, function processing, event action, alarm status output, multi-language on-screen display, rack mountable.	2.018,18
		
	TVM 328P 100-240Vac, with built-in switching power supply unit.	2.105,22
TMC 03	Triple Character Generator to build in TVM 164 series Video Matrix Switchers, 3-output channels, white characters with black edging thus allowing easy reading against any contrast background.	100,22
		
TCP 32	Coax Control Board to build in TVM series Video Matrix Switchers, to control pan&tilt receivers and dome cameras with Pelco's Coaxitron system.	197,14
		
TPS 12	Switching Power Supply Unit 100-240Vac / 12Vdc, 4A, external power supply unit for TVS and TVM series Video Matrix Switchers.	108,46
		
TCC 232	PC Software / Adaptor Cable to connect PC and TVM/TVS series Video Matrix Switcher with software on floppy disc to download all settings.	45,01
		

SYSTEM KEYBOARDS



TKB 250D	System Keyboard 25 keys, 6 LEDs, RS-485 interface, to control TVS and TVM series Video Matrix Switchers and Digital Video Recorders.	193,85
		
	TKB 250D Prestige With stainless-steel table-top housing.	242,46
		
TKB 2000D-2	System Keyboard 2-axis Joystick, 42 keys, 2 LEDs, RS-485 and RS-232 interface, LCD display, to control TSA, TVS and TVM series Video Matrix Switchers and Digital Video Recorders, table-top housing.	880,75
		
TKB 2000DF-2	System Keyboard 2-axis Joystick, 42 keys, 2 LEDs, RS-485 and RS-232 interface, LCD display, to control TSA, TVS and TVM series Video Matrix Switchers and Digital Video Recorders, flush-mount housing.	880,75
		
TKB 2000D-3	System Keyboard 3-axis Joystick, 42 keys, 2 LEDs, RS-485 and RS-232 interface, LCD display, to control TSA, TVS and TVM series Video Matrix Switchers and Digital Video Recorders, table-top housing.	1.117,24
		
	TKB 2000D-3 Prestige With stainless-steel table-top housing.	1.396,68
		
TKB 2000DF-3	System Keyboard 3-axis Joystick, 42 keys, 2 LEDs, RS-485 and RS-232 interface, LCD display, to control TSA, TVS and TVM series Video Matrix Switchers and Digital Video Recorders, flush-mount housing.	1.117,24
		

MODEL NO.	DESCRIPTION	UNIT PRICE (EUR)
	TKB 2000DF-3 Prestige With stainless-steel flush-mount housing.	1.396,68
TKB 02	Keyboard 2 keys, 4-wires control for TSA series Video Switchers and TVM and TVS series Video Matrix Switchers.	52,63
		
TDB 01	Distribution Box with power supply adaptor 230Vac, to supply System Keyboard TKB 250D or TKB 2000D series and to connect more than one System Keyboard TKB 250D and TKB2000D series to TVM and TVS series Video Matrix Switcher, or to connect them on longer distances.	42,75
		
TDB 02	Distribution Box to connect more than one System Keyboard TKB 250D and TKB 2000D series to TVM and TVS series Video Matrix Switcher, or to connect them on longer distances.	36,26
		
TDB 03	Distribution Box with power supply adaptor 230Vac, to supply System Keyboard TKB 2000D series and to connect it to Video Alarm Sequential Switcher TSA 082S and different RS-485 controlled telemetry controllers and domes.	56,34
		
TDB 05	Distribution Box with power supply adaptor 230Vac, to supply System Keyboard TKB 2000D series and to connect it to different RS-232 controlled Digital Video Recorders and different RS-485 controlled telemetry controllers and domes.	58,50
		










TELEMETRY CONTROLLERS

TC 20	Telemetry Controller TC 20-24 24Vac, with serial interface RS-485, Pan&Tilt Control, zoom, focus and iris polarity inversion or common wire Lens Control, 1 auxiliary relay output, 1 auxiliary open-collector output, 1 alarm input, ABS casing with IP-65 protection.	336,81
		
	TC 20-230 230Vac, with serial interface RS-485, Pan&Tilt Control, zoom, focus and iris polarity inversion or common wire Lens Control, 1 auxiliary relay output, 1 auxiliary open-collector output, 1 alarm input, ABS casing with IP-65 protection.	336,81

TELEMETRY KEYBOARDS

TP 105	Telemetry Keyboard TP 105-24 24Vac, 5 keys, power-on and auto Pan&Tilt control LED indication, to direct Pan&Tilt control.	160,99
		
	TP 105-230 230Vac, 5 keys, power-on and auto Pan&Tilt control LED indication, to direct Pan&Tilt control.	160,99
TPZ 111	Telemetry Keyboard TPZ 111-24 24Vac, 11 keys, power-on and auto Pan&Tilt control LED indication, to direct Pan&Tilt and Lens control.	189,00
		
	TPZ 111-230 230Vac, 11 keys, power-on and auto Pan&Tilt control LED indication, to direct Pan&Tilt and Lens control.	189,00








VIDEO SWITCHERS







TS 021	Video Auto Switcher 230Vac, 2IN / 10UT, vertical interval switching, rack mountable using optional rack mount kit TRA and TRK series.	99,09
		
TS 041	Video Auto Switcher 230Vac, 4IN / 10UT, vertical interval switching, rack mountable using optional rack mount kit TRA and TRK series.	121,33
		
TS 081	Video Auto Switcher 230Vac, 8IN / 10UT, vertical interval switching, rack mountable using optional rack mount kit TRA and TRK series.	136,48
		
TSA 042	Video Alarm Sequential Switcher 230Vac, 4IN / 20UT, 4 alarm in, alarm out, VCR clock, frame-by-frame switching, vertical interval switching, built-in buzzer, non-volatile RAM backup, optional remote control through Keyboard TKB 02, rack mountable using optional rack mount kit TRA and TRK series.	235,36
		
TSA 082	Video Alarm Sequential Switcher 230Vac, 8IN / 20UT, 8 alarm in, alarm out, VCR clock, frame-by-frame switching, vertical interval switching, built-in buzzer, non-volatile RAM backup, optional remote control through Keyboard TKB 02, rack mountable using optional rack mount kit TRA and TRK series.	260,08
		
TSA 082N	Video Alarm Sequential Switcher 230Vac, 8IN / 20UT, 8 alarm in, alarm out, VCR clock, frame-by-frame switching, vertical interval switching, built-in buzzer, non-volatile RAM backup, optional remote control through Keyboard TKB 02, on-screen camera/alarm identification, multi-language on-screen SET-UP, rack mountable using optional rack mount kit TRA and TRK series.	290,25
		
TSB 042	Video Auto Switcher 230Vac (with external power supply adaptor), 4IN / 20UT, table-top unit, vertical interval switching, non-volatile RAM backup, 4 alarm inputs and 1 alarm output using optional Alarm card TAC 081 with built-in buzzer.	132,77
		
TSB 082	Video Auto Switcher 230Vac (with external power supply adaptor), 8IN / 20UT, table-top unit, vertical interval switching, non-volatile RAM backup, 8 alarm inputs and 1 alarm output using optional Alarm card TAC 081 with built-in buzzer.	139,77
		
TAC 081	Alarm Card 8 alarm in, 1 relay alarm out, built-in buzzer, for TSB series switchers.	42,44
		









VIDEO AMPLIFIERS

TA 101	<p>Video Amplifier 230Vac, 1IN / 10UT, linear gain adjustment, HF gain adjustment, rack mountable using optional rack mount kit TRA and TRK series.</p> 	96,61
TA 101A <i>NEW!</i>	<p>Video Amplifier 230Vac, 1IN / 10UT, with automatic gain adjustment, max. distance 1.800 m, for RG59 coaxial cable, rack mountable using optional rack mount kit TRA and TRK series.</p>	176,61 <i>(available Feb. 2012)</i>
TD 104	<p>Video Distribution Amplifier 230Vac, 1IN / 40UT, rack mountable using optional rack mount kit TRA and TRK series.</p> 	90,95
TD 204	<p>Video Distribution Amplifier 230Vac, 2 x 1IN / 40UT or 1IN / 80UT, selectable by switch on back panel, rack mountable using optional rack mount kit TRA and TRK series.</p> 	114,43
TD 408	<p>Video Distribution Amplifier 230Vac, 1IN / 80UT, 2 x 1IN / 40UT, 4 x 1IN / 20UT, internal programmable, rack mountable using optional rack mount kit TRA and TRK series.</p> 	161,71
	<p>TD 408 Prestige With stainless-steel front panel.</p> 	177,88
TD 816	<p>Video Distribution Amplifier 230Vac, 2 x 1IN / 80UT, 4 x 1IN / 40UT, 8 x 1IN / 20UT, internal programmable, rack mountable using optional rack mount kit TRK-TD.</p> 	228,35
	<p>TD 816 Prestige With stainless-steel front panel.</p> 	251,22
TD 1632	<p>Video Distribution Amplifier 100-240Vac, 4 x 1IN / 80UT, 8 x 1IN / 40UT, 16 x 1IN / 20UT, internal programmable, rack mountable.</p> 	411,38
	<p>TD 1632 Prestige With stainless-steel front panel.</p> 	452,48
TD 3264	<p>Video Distribution Amplifier 100-240Vac, 8 x 1IN / 80UT, 16 x 1IN / 40UT, 32 x 1IN / 20UT, internal programmable, rack mountable.</p> 	799,07
	<p>TD 3264 Prestige With stainless-steel front panel.</p> 	879,00

TWISTED-PAIR VIDEO TRANSMISSION

TT 101	Video Twisted-Pair Transmitter 24Vac/dc, power supply and output over-voltage protection, low power consumption, dual output impedance, pre-emphasis +10dB/5MHz, ABS casing with IP-65 protection, max. distance 1.600 m.	101,87
		
TTP 101	Video Twisted-Pair Transmitter 230Vac, power supply and output over-voltage protection, dual output impedance, pre-emphasis +10dB/5MHz, ABS casing with IP-65 protection, max. distance 1.600 m.	105,16
		
TT 404	Video Twisted-Pair Transmitter 4-channel, 12Vdc, power supply and output over-voltage protection, low power consumption, pre-emphasis +10dB/5MHz, rack mountable using optional rack mount kit TRA and TRK series, max. distance 1.600 m.	300,14
		
	TT 404P 100-240Vac, with built-in switching power supply unit.	358,54
TT 808	Video Twisted-Pair Transmitter 8-channel, 12Vdc, power supply and output over-voltage protection, low power consumption, pre-emphasis +10dB/5MHz, rack mountable using optional rack mount kit TRA and TRK series, max. distance 1.600 m.	600,28
		
	TT 808P 100-240Vac, with built-in switching power supply unit.	658,69
TT 1616	Video Twisted-Pair Transmitter 16-channel, 12Vdc, power supply and output over-voltage protection, low power consumption, pre-emphasis +10dB/5MHz, Rack, mountable using optional rack mount kit TRA and TRK series, max. distance 1.600 m.	1.200,57
		
	TT 1616P 100-240Vac, with built-in switching power supply unit.	1.258,97
TTR 101	Video Twisted-Pair Transmitter 12Vdc, 19"/3U rack mountable, small dimensions 3U/6TE, power supply and output over-voltage protection, low power consumption, pre-emphasis +10dB/5MHz, max. distance 1.600 m.	105,16
		
TTR 202	Video Twisted-Pair Transmitter 2-channel, 12Vdc, 19"/3U rack mountable, small dimensions 3U/6TE, power supply and output over-voltage protection, low power consumption, pre-emphasis +10dB/5MHz, max. distance 1.600 m.	157,80
		
TTM 101	Video Twisted-Pair Transmitter 12-24Vac/dc, very small dimensions, very low power consumption, power supply and output over-voltage protection, simple installation, dual output impedance, pre-emphasis +10dB/5MHz, max. distance 1.800 m.	88,68
		
TTM 101C	Video Twisted-Pair Transmitter 12-24Vac/dc, with BNC and 0.5 m cable, very small dimensions, very low power consumption, power supply and output over-voltage protection, simple installation, dual output impedance, pre-emphasis +10dB/5MHz, max. distance 1.800 m.	88,99
		
TR 101	Video Twisted-Pair Receiver 24Vac/dc, power supply and input over-voltage protection, low power consumption, disturbance reduction, power-on and video signal error LED indication, input impedance adjustment, max. +60dB gain adjustment at 5MHz, ABS casing with IP-65 protection, max. distance 1.800 m.	180,66
		

MODEL NO.	DESCRIPTION	UNIT PRICE (EUR)
TR 101L 	Video Twisted-Pair Receiver 24Vac/dc, power supply and input over-voltage protection, low power consumption, disturbance reduction, power-on and video signal error LED indication, simple installation, linear, middle and high frequency gain adjustment at 5MHz., ABS casing with IP-65 protection, max. distance 1.500 m.	144,61
TR 101A NEW!	Video Twisted-Pair Receiver 24Vac/dc, power supply and input over-voltage protection, automatic gain adjustment, low power consumption, ABS casing with IP-65 protection, max. distance 1.600 m.	260,66 <i>(available Feb. 2012)</i>
TRP 101 	Video Twisted-Pair Receiver 230Vac, power supply and input over-voltage protection, disturbance reduction, power-on and video signal error LED indication, input impedance adjustment, max. +60dB gain adjustment at 5MHz, ABS casing with IP-65 protection, max. distance 1.800 m.	184,06
TRP 101L 	Video Twisted-Pair Receiver 230Vac, power supply and input over-voltage protection, disturbance reduction, power-on and video signal error LED indication, simple installation, linear, middle and high frequency gain adjustment at 5MHz., ABS casing with IP-65 protection, max. distance 1.500 m.	147,19
TRP 101A NEW!	Video Twisted-Pair Receiver 230Vac/dc, power supply and input over-voltage protection, automatic gain adjustment, low power consumption, ABS casing with IP-65 protection, max. distance 1.600 m.	264,06 <i>(available Feb. 2012)</i>
TR 404L 	Video Twisted-Pair Receiver 4-channel, 12Vdc, power supply and input over-voltage protection, disturbance reduction, power-on and video signal error LED indication, simple installation, linear, middle and high frequency gain adjustment at 5MHz., rack mountable using optional rack mount kit TRA and TRK series, max. distance 1.500 m.	433,84
	TR 404LP 100-240Vac, with built-in switching power supply unit.	492,24
TR 404A NEW!	Video Twisted-Pair Receiver 4-channel, 12Vdc, power supply and input over-voltage protection, automatic gain adjustment, rack mountable using optional rack mount kit TRA and TRK series, max. distance 1.600 m.	753,84 <i>(available Feb. 2012)</i>
	TR 404AP 100-240Vac, with built-in switching power supply unit.	812,24 <i>(available Feb. 2012)</i>
TR 808L 	Video Twisted-Pair Receiver 8-channel, 12Vdc, power supply and input over-voltage protection, disturbance reduction, power-on and video signal error LED indication, simple installation, linear, middle and high frequency gain adjustment at 5MHz., rack mountable using optional rack mount kit TRA and TRK series, max. distance 1.500 m.	867,67
	TR 808LP 100-240Vac, with built-in switching power supply unit.	926,07
TR 808A NEW!	Video Twisted-Pair Receiver 8-channel, 12Vdc, power supply and input over-voltage protection, automatic gain adjustment, rack mountable using optional rack mount kit TRA and TRK series, max. distance 1.600 m.	1.507,67 <i>(available Feb. 2012)</i>
	TR 808AP 100-240Vac, with built-in switching power supply unit.	1.566,07 <i>(available Feb. 2012)</i>
TR 1616L 	Video Twisted-Pair Receiver 16-channel, 12Vdc, power supply and input over-voltage protection, disturbance reduction, power-on and video signal error LED indication, simple installation, linear, middle and high frequency gain adjustment at 5MHz., rack mountable using optional rack mount kit TRA and TRK series, max. distance 1.500 m.	1.735,34
	TR 1616LP 100-240Vac, with built-in switching power supply unit.	1.793,75

MODEL NO.	DESCRIPTION	UNIT PRICE (EUR)
TR 1616A NEW!	Video Twisted-Pair Receiver 16-channel, 12Vdc, power supply and input over-voltage protection, automatic gain adjustment, rack mountable using optional rack mount kit TRA and TRK series, max. distance 1.600 m.	3.015,34 <i>(available Feb. 2012)</i>
	TR 1616AP 100-240Vac, with built-in switching power supply unit.	3.073,75 <i>(available Feb. 2012)</i>
TRR 101 	Video Twisted-Pair Receiver 24Vac/dc, 19"/3U rack mountable, small dimensions 3U/6TE, power supply and input over-voltage protection, low power consumption, disturbance reduction, power-on and video signal error LED indication, input impedance adjustment, max. +60dB gain adjustment at 5MHz, max. distance 1.800 m.	184,06
	TRR 101E For 12Vdc power supply.	184,06
TRR 101L 	Video Twisted-Pair Receiver 12Vdc, 19"/3U rack mountable, small dimensions 3U/6TE, power supply and input over-voltage protection, low power consumption, disturbance reduction, power-on and video signal error LED indication, simple installation, linear, middle and high frequency gain adjustment at 5MHz, max. distance 1.500 m.	147,19
TRR 101A NEW!	Video Twisted-Pair Receiver 12Vdc, 19"/3U rack mountable, small dimensions 3U/6TE, power supply and input over-voltage protection, automatic gain adjustment, low power consumption, max. distance 1.600 m.	264,06 <i>(available Feb. 2012)</i>
TRR 202L 	Video Twisted-Pair Receiver 2-channel, 12Vdc, 19"/3U rack mountable, small dimensions 3U/6TE, power supply and input over-voltage protection, low power consumption, disturbance reduction, power-on and video signal error LED indication, simple installation, linear, middle and high frequency gain adjustment at 5MHz, max. distance 1.500 m.	220,73
TRR 202A NEW!	Video Twisted-Pair Receiver 2-channel, 12Vdc, 19"/3U rack mountable, small dimensions 3U/6TE, power supply and input over-voltage protection, automatic gain adjustment, low power consumption, max. distance 1.600 m.	436,09 <i>(available Feb. 2012)</i>
TRM 101 	Video Twisted-Pair Receiver 12-24Vac/dc, very small dimensions, very low power consumption, power supply and input over-voltage protection, simple installation, max. +18dB gain adjustment at 5MHz, max. distance 900 m.	108,56
TRM 101A NEW!	Video Twisted-Pair Receiver 12Vdc, very small dimensions, power supply and input over-voltage protection, automatic gain adjustment low power consumption simple installation, max. distance 1.600 m.	188,56 <i>(available Feb. 2012)</i>
TRM 101C 	Video Twisted-Pair Receiver 12-24Vac/dc, with BNC and 0.5 m cable, very small dimensions, very low power consumption, power supply and input over-voltage protection, simple installation, max. +18dB gain adjustment at 5MHz, max. distance 900 m.	108,87
TRM 101AC NEW!	Video Twisted-Pair Receiver 12Vdc, with BNC and 0.5 m cable, very small dimensions, power supply and input over-voltage protection, automatic gain adjustment, low power consumption simple installation, max. distance 1.600 m.	188,87 <i>(available Feb. 2012)</i>
TPS 24 	Power Supply Unit 230Vac, 19"/3U rack mountable, standard dimensions 3U/24TE, 24Vac output for power supplying of max. 10 x TRR 101.	156,05
TPS 12R 	Power Supply Unit 100-240Vac, 19"/3U rack mountable, standard dimensions 3U/12TE, 12Vdc output for power supplying of max. 12 x TRR 101, TTR 202, TRR 101E, TRR 101L, TRR 101A, TRR 202L or TRR 202A.	140,49
TE 01 	Extension Board Enables all adjustments on Video Twisted-Pair Receiver TRR 101 or TRR 101E during installation.	95,38

TRC 384 Kit Rack **168,10**



Standard 19"/3U dimensions, suitable for max. 10 x TRR 101 with 1 x TPS 24 or 12 x TTR 101, TTR 202, TRR 101E, TRR 101L, TRR 202L with 1 x TPS 12R.

TRB 6 19" Rack Blank Panel **7,42**



Standard 19"/3U/6TE dimensions, to cover empty places in TRC 384.

TRB 12 19" Rack Blank Panel **12,26**



Standard 19"/3U/12TE dimensions, to cover empty places in TRC 384.

TRB 24 19" Rack Blank Panel **15,76**



Standard 19"/3U/24TE dimensions, to cover empty places in TRC 384.

Maximum distances (CAT 5 UTP Cable) between different models of video twisted-pair transmitters and receivers:

Model	TT 101	TT 101S	TPP 101	TTR 101	TTR 202	TTM 101	TTM 101C	TT 404	TT 404P	TT 808	TT 808P	TT 1616	TT 1616P
TR 101	1600	1600	1800	1600	1600	1800	1800	1600	1600	1600	1600	1600	1600
TR 101L	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
TR 101LS	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
TRP 101	1600	1600	1800	1600	1600	1800	1800	1600	1600	1600	1600	1600	1600
TRP 101L	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
TR 404L	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
TR 404LP	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
TR 808L	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
TR 808LP	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
TR 1616L	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
TR 1616LP	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
TRR 101	1600	1600	1800	1600	1600	1800	1800	1600	1600	1600	1600	1600	1600
TRR 101E	1600	1600	1800	1600	1600	1800	1800	1600	1600	1600	1600	1600	1600
TRR 101L	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
TRR 202L	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
TRM 101	850	850	900	850	850	900	900	850	850	850	850	850	850
TRM 101C	850	850	900	850	850	900	900	850	850	850	850	850	850

VIDEO MOTION DETECTORS

TMD 101 Video Motion Detector **218,57**



230Vac, 1IN / 10UT, high sensitivity easily adjustable, 4 alarm areas with vertical position and size independent adjustable, alarm signal with blinking LEDs and buzzer, auto or manual alarm reset, remote alarm reset possibility, alarm output, rack mountable using optional rack mount kit TRA and TRK series.

SURGE PROTECTION

TPV 101 Video Surge Protector **60,56**



Very small dimensions, simple installation, to protect video input/output from high voltage surges.







TPV 404 Video Surge Protector **221,35**

4 video inputs/outputs, rack mountable, to protect video inputs/outputs from high voltage surges.

TPV 808 **403,86**





With 8 video inputs/outputs.



MODEL NO.	DESCRIPTION	UNIT PRICE (EUR)
	TPV 1212 With 12 video inputs/outputs.	580,92
	TPV 1616 With 16 video inputs/outputs.	752,42
TPD 101	Data Surge Protector Simple installation inside of camera housing, to protect serial data input/output from high voltage surges.	72,00
		
TPP 101	Power Surge Protector Simple installation inside of camera housing, to protect 24Vac camera power supply from high voltage surges.	72,00
		
	TPP 101P To protect 230Vac camera power supply from high voltage surges.	72,00
TPVP 104	Video & Power Surge Protector 4x230Vac, 1 video input/output, to protect video input/output and power supply from high voltage surges.	115,05
		
	TPVP 204 4x230Vac, 2 video inputs/outputs.	159,24
	TPVP 404 4x230Vac, 4 video inputs/outputs.	247,92
	TPVP 804 4x230Vac, 8 video inputs/outputs.	424,98
	TPVP 1204 4x230Vac, 12 video inputs/outputs.	597,50
	TPVP 1604 4x230Vac, 16 video inputs/outputs.	778,99
TPN 101	Network Surge Protector Simple installation inside of camera housing, to protect IP camera from high voltage surges coming from ETHERNET network, RJ-45 connectors.	103,62
		
TPN 101W	Network Surge Protector Wall-mount installation, to protect electronics devices from high voltage surges coming from ETHERNET network, RJ-45 connectors.	92,80
		
TPN 808	Network Surge Protector 8-channel, rack mountable, to protect electronics devices from high voltage surges coming from ETHERNET network, RJ-45 connectors.	437,44
		
	TPN 1616 16-channel, rack mountable, to protect electronics devices from high voltage surges coming from ETHERNET network, RJ-45 connectors.	768,90
	TPN 2424 24-channel, rack mountable, to protect electronics devices from high voltage surges coming from ETHERNET network, RJ-45 connectors.	1.100,14

ACCESSORIES

TRA-L 	Rack Acc. - Lower support for TS, TSA, TA, TD or TMD series.	3,71
TRA-A 	Rack Acc. - Angular Support for TS, TSA, TA, TD, TMD series.	4,74
TRA-B 	Blank Face Panel Half Rack 19" for TS, TSA, TA, TD, TMD series.	17,30
TRK-S 	19" Rack Mount Kit Single for 1 x TS, TSA, TA, TD, TMD series.	28,43
TRK-D 	19" Rack Mount Kit Double for 2 x TS, TSA, TA, TD, TMD series.	14,83
TRK-TSA 	19" Rack Mount Kit TSA for 2 x TSA series.	11,12
TRK-TD 	19" Rack Mount Kit TD for TD 816.	10,51
TPS 1213 	Switching Power Supply Adaptor 100-240Vac / 12Vdc, 1.25A, wall-mount type.	14,83
TPS 1240 	Switching Power Supply Adaptor 100-240Vac / 12Vdc, 4A, table-type.	56,14
TPC 375 	Power Supply Cord 250V, 10A, 3 x 0.75mm ² , CEE, 1.5 m length.	5,25
TBNCC 	BNC Connector BNC male, crimp type, for RG-59 cable, 100 pcs/bag.	96,61
TBG 	BNC Cable Grommet Cable grommet for BNC male, crimp type, for RG-59 cable, 100 pcs/bag.	23,38
TBNCI 	BNC Connector BNC double female adaptor.	1,44
TBNCT 	BNC Connector BNC T type adaptor, one male, double female.	2,47
TBNCL 	BNC Connector BNC L type adaptor, one male to one female.	2,68
TCFBM 	Connector Cinch F -BNC M type adaptor.	2,47

MODEL NO.	DESCRIPTION	UNIT PRICE (EUR)
TCMBF 	Connector Cinch M-BNC F type adaptor.	2,47
TRGB05 	Connector Cable BNC-M to BNC-M cable RG-59, length 0.5 m.	3,40
TRGB1 	Connector Cable BNC-M to BNC-M cable RG-59, length 1 m.	4,74
TRGB2 	Connector Cable BNC-M to BNC-M cable RG-59, length 2 m.	5,46

Sales Terms & Conditions

1. Interpretation

1.1 In these Conditions 'EQUIPMENT' means the goods which the Seller is to supply in accordance with these Conditions; 'SELLER' means ASTEL d.o.o.; 'CONDITIONS' means the standard terms and conditions of sale set out in this document and (unless the context otherwise requires) includes any special terms and conditions agreed in Writing between the Buyer and the Seller; 'CONTRACT' means the contract for the purchase and sale of the Equipment; 'WRITING' includes e-mail, facsimile transmission and comparable means of communication.

2. Basis of the Sale

2.1 The Seller shall sell and the Buyer shall purchase the Equipment in accordance with any written quotation of the Seller which is accepted by the Buyer, or any written order of the Buyer which is accepted by the Seller, subject in either case to these Conditions, which shall govern the Contract to the exclusion of any other terms and conditions.

2.2 Any variations to these conditions are invalid unless confirmed by the Seller in Writing.

2.3 Any advice or recommendation given by the Seller to the Buyer as to the storage, application or use of the Equipment which is not confirmed in Writing by the Seller is followed or acted upon entirely at the Buyer's own risk.

2.4 Any error or omission in any information or document issued by the Seller shall be subject to correction without any liability on the part of the Seller.

3. Orders or Specifications

3.1 No order submitted by the Buyer shall be deemed to be accepted by the Seller unless and until confirmed in Writing by the Seller's authorised representative.

3.2 The Buyer shall be responsible to the Seller (or ensuring the accuracy of the terms of any order (including any applicable specification) submitted by the Buyer, and for giving the Seller any necessary information relating to the Equipment within a sufficient time to enable the Seller to perform the Contract in accordance with its terms.

3.3 The Seller reserves the right to make any changes in the specification of the Equipment which do not materially affect its quality or performance.

4. Price of the Goods

4.1 All prices of the Equipment are quoted in Euro, including packaging.

4.2 The Seller reserves the right, by giving notice to the Buyer at any time before delivery, to increase the price of the Equipment provided that the Buyer may give notice within 48 hours of the Seller's notice cancelling the order in which event neither party shall be under any further obligation to the other except insofar as it has already accrued.

4.3 All prices are given by the Seller on an ex-works basis, and where the Seller agrees to deliver the Equipment otherwise than at the Seller's premises, the Buyer shall be liable to pay the Seller's charges for transport and insurance.

4.4 The price is exclusive of any applicable value added tax (VAT), which the Buyer shall be additionally liable to pay to the Seller.

5. Terms of Payment

5.1 Goods supplied shall be payable within 30 days following the invoice date. The date of payment shall be the date when the money is received by the Seller or credited to the Seller's account. The right to assert any further claims for damages in case of default in payment shall remain unaffected.

5.2 If the Buyer fails to make any payment on the due date then without prejudice to any other right or remedy available to the Seller, the Seller shall be entitled to cancel the contract or suspend any further deliveries to the Buyer.

6. Delivery

6.1 Any dates quoted for delivery of the Equipment is approximate only and the Seller shall not be liable for any delay in delivery of the Equipment however caused. Time for delivery shall not be of the essence of the contract unless previously agreed by the Seller in writing. The Equipment may be delivered by the Seller in advance of the quoted delivery date upon giving reasonable notice to the Buyer.

6.2 If the Buyer fails to take delivery of the Equipment or fails to give the Seller adequate delivery instructions at the time stated for delivery or fails to make any payment due prior to delivery then, without prejudice to any other right or remedy available to the Seller, the Seller may store the Equipment until actual delivery and charge the Buyer for the reasonable costs (including insurance) of storage.

7. Risk and Property

7.1 Risk of damage to or loss of the Equipment shall pass to the Buyer at the time of delivery or if the buyer wrongfully fails to take delivery of the Equipment, the time when the Seller tendered delivery of the Equipment.

7.2 Notwithstanding delivery and the passing of risk in the Equipment, or any other provision of these Conditions, the property in the Equipment shall not pass to the Buyer until the Seller has received payment in full of the price of the Equipment and all other goods agreed to be sold by the Seller to the Buyer for which payment is then due.

7.3 Until such time as the property in the Equipment passes to the Buyer, the Buyer shall hold The Equipment as the Seller's fiduciary agent and bailee, and shall keep the Equipment separate from those of the Buyer and third parties and the properly stored, protected and insured and identified as the Seller's property, but shall be entitled to resell or use the Equipment in the ordinary course of its business.

7.4 Until such time as the property in the Equipment passes to the Buyer (and provided the Equipment is still in existence and has not been resold), the Seller shall be entitled at any time to require the Buyer to deliver up the Equipment to the Seller and, if the Buyer fails to do so forthwith, to enter upon any premises of the Buyer or any third party where the Equipment is stored and repossess the Equipment.

7.5 The Buyer shall not be entitled to pledge or in any way charge by way of security for any indebtedness any of the Equipment which remain the property of the Seller, but if the Buyer does so all moneys owing by the Buyer to the Seller shall (without prejudice to any other right or remedy of the Seller) forthwith become due and payable.

8. Warranties and Liability

8.1 Subject to the conditions set out below, the Seller warrants that the Equipment will be fully functional for its intended purpose at the time of delivery and for such period after delivery as is specified by the Seller at the time of sale.

8.2 This warranty is given by the Seller subject to the following conditions:

8.2.1 the Seller shall be under no liability in respect of any specification supplied by the Buyer:

8.2.2 the Seller shall be under no liability in respect of any defect arising from wilful damages, negligence, abnormal working conditions, failure to follow the Seller's instructions and recommendations (whether oral or in writing) or misuse of the Equipment.

8.2.3 the Seller shall be under no liability under the above warranty (or any other warranty, condition or guarantee) if the total price for the Equipment has not been paid by the due date for payment or the Buyer is in any other respect in material breach of any of these conditions:

8.2.4 the Equipment integrity seals must remain undisturbed and the Equipment must remain unmodified and no previous repair or attempted repair (other than by or with the Seller's written consent) must have been undertaken.

8.3 The Buyer must notify the Seller of any defect eligible for remedy under this warranty within 14 days of discovering the defect. If the Buyer does not notify the Seller accordingly, the Buyer shall not be entitled to reject the Equipment and the Seller shall have no liability for such defect or failure, and the Buyer shall be bound to pay the price as if the Equipment had been delivered in accordance with the Contract.

8.4 Where a valid warranty claim is made the relevant Equipment shall be returned to the Seller at the expense of the Buyer and shall be redelivered within the EU after rectification to the Buyer at the expense of the Seller:

8.5 Equipment the subject of warranty repair will carry in respect of the repair a warranty for a period of two months from the date of redelivery to the Buyer.

8.6 Where any valid claim in respect this warranty is made, the Seller shall be entitled to repair the Equipment, replace the Equipment (or the part in question) or, at the Seller's sole discretion, refund to the Buyer the price of the Equipment (or a proportionate part of the price), but the Seller shall have no further liability to the Buyer.

8.7 Except in respect of death or personal injury caused by the Seller's negligence, the Seller shall not be liable to the Buyer by reason of any representation (unless fraudulent), or any implied warranty, condition or other term, or any duty at common law, or under the express terms of the Contract, for any indirect, special or consequential loss or damage (whether for loss of profit or otherwise), costs, expenses or other claims for compensation whatsoever whether caused by the negligence of the Seller, its employees or agents otherwise which arise out of or in connection with the supply of the Equipment or its use or resale by the Buyer, and the entire liability of the Seller under or in connection with the Contract shall not exceed the price of the Equipment, except as expressly provided in these Conditions.

8.8 The Seller shall not be liable to the Buyer or be deemed to be in breach of the Contract by reason of any delay in performing, or any failure to perform, any of the Seller's obligations in relation to the Equipment if the delay or failure was due to any cause beyond the Seller's reasonable control.

9. Insolvency of Buyer

9.1 This clause applies if:

9.1.1 the Buyer makes any voluntary arrangement with its creditors or (being an individual or firm) becomes bankrupt or (being a company) becomes subject to an administration order or goes into liquidation (otherwise than for the purposes of amalgamation or reconstruction); or

9.1.2 an encumbrancer takes possession, or a receiver is appointed, of any of the property or assets of the Buyer: or

9.1.3 the Buyer ceases, or threatens to cease, to carry on business; or

9.1.4 the Seller reasonably apprehends that any of the events mentioned above is about to occur in relation to the Buyer and notifies the Buyer accordingly.

9.2 If this clause applies then without prejudice to any other right or remedy available to the Seller, the Seller shall be entitled to cancel the Contract or suspend any further deliveries under the Contract without any liability to the Buyer, and if the Equipment have been delivered but not paid for the price shall become immediately due and payable notwithstanding any previous agreement or arrangement to the contrary.

10. Export Terms

10.1 Where the Equipment is to be exported from Slovenia the Buyer shall be responsible for complying with any legislation or regulations governing the importation of the Equipment into the country of destination and for the payment of any duties on them.

11. General

11.1 No waiver by the Seller of any breach of the Contract by the Buyer shall be considered as a waiver of any subsequent breach of the same or any other provision.

11.2 The Contract shall be governed by the laws of Slovenia, and the Buyer agrees to submit to the exclusive jurisdiction of the Slovene courts.

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