








	IP CAMERA IPC2124I.B.SF28KM.G. BLACK - 3.7 Mpx 2.8 mm UNIVIEW	OPTICAL FIBER FUSION SPLICER AL9 Signal Fire	UNIVERSAL MIDDLE CLAMP PV:KSU/S0/B FOR SOLAR PANELS	EXTENDER VGA + USB CE-100	ALLEN SCREW SL-M8X40/KL-8.8	FLUSH BOX P-60/K-GSG/EPN Elektro-Plast	ELECTRICAL INSTALLATION BOX INTO THERMAL INSULATION KUZ-VOL-KB KOPOS	FLUSH BOX P-60KF SIMET
								
Size	632.20 PLN 632.20 PLN	3436.25 PLN 3436.25 PLN	3.83 PLN 3.83 PLN	618.51 PLN 618.51 PLN	0.98 PLN 0.98 PLN	4.47 PLN 4.47 PLN	172.38 PLN 172.38 PLN	3.74 PLN 3.74 PLN
Standard	TCP/IP				M8			
Height			21.5 mm					
Sensor	1/3 " Progressive Scan CMOS							
Strength class					8.8			
Number of sections						1	1, 2	1
Hole diameter			9 mm					
Matrix size	4 Mpx							
mounting screw								
Wrench size					6 mm			
Voltage insulation							~ 400 V	
Fiber optic type		<ul style="list-style-type: none"> Multi-Mode (MM) - G.651. Single-Mode (SM) - G.652 & G.657. Single-Mode (DS / NZDS) Non-Zero Dispersion Shifted Fiber (G.655) 						
Thread/pin length					30 / 40 mm			
Cladding diameter		80 ... 150 µm						
Outer coating diameter:		0.1 ... 1 mm						
Lens	2.8 mm							
Fiber cleaved length		16 mm						
Montage hole diameter						Ø 68 mm		
Orientation technology		core alignment, cladding alignment, manual						
View angle	<ul style="list-style-type: none"> 97 ° (manufacturer data) 90 ° (our tests result) 							
Range of IR illumination	30 m							
S/N ratio	> 56 dB							
Display		5.1 " LCD, 800 x 480 px Image: display X and Y axis simultaneously						
RS-485 interface								
Material			Aluminum		Steel galvanized	halogen free and inflammable	Non-halogen plastic	Plastic
Memory card slot	Micro SD memory cards up to 128GB support (possible local recording)							
Average fusion loss		0.01 dB (MM) 0.025 dB (SM) 0.04 dB DS / NZDS						
Average fusion time		5 s						
Thickness of the insulating layer							120 ... 330 mm	
Image compression method	Ultra 265 / H.265 / H.264 / MJPEG							
Average heat time		15 s						
Alarm inputs / outputs								
Mounting holes distance							60 mm, 71 mm	60 mm
Audio								
Fusion programs		(factory applications) + (user applications)						
Internal light		✓						
Main stream frame rate	25 fps @ 3.7 Mpx							
Internal heater		✓						
Device type				Active / Transmitter				
Network interface	10/100 Base-T (RJ-45)			Active / Receiver				
Number of channels				1 x VGA 2 x USB 1 x VGA 2 x USB				
Video transmission range				max. 100 m max. 100 m				
Set fusions parameters		<ul style="list-style-type: none"> Surface angle test fiber forward prefuse power prefuse time arc power arc time, etc. 						
Fusion storage		✓						
Mechanical strength test		2 N						
Computer interface		USB 2.0 - Possibility to charge smartphones						
Connectors type				1 x VGA Socket HDB-15 2 x USB-A Socket 1 x VGA Plug HDB-15 1 x USB-B Socket				
Symmetrical socket type				RJ-45 (8-pin, 4 pairs) Socket RJ-45 (8-pin, 4 pairs) Socket				

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Main features			Ground pins	<ul style="list-style-type: none"> Real-time DDC communication support Built-in ESD protection 8 / 15 kV Manual compensation adjustment Possibility to mount to the wall 	DIN 912 compliance	<ul style="list-style-type: none"> Flush-mounted, deep, for hollow walls 850 °C flammability index 2 special screws with holders to fastening to the wall - included 	<ul style="list-style-type: none"> for insulating systems temperature range : -25 °C ... 60 °C flammability index : 850 °C adjustable depth of the box Guides for attaching the TS35 rail Expansion plugs, Mounting screws, opening lid, rubber gasket - included 	<ul style="list-style-type: none"> Flush-mounted, shallow, for hollow walls flammability index : 850 °C 2 fixing points 2 Mounting screws, 2 special screws with holders to fastening to the wall - included
Network protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, QoS, SSL / TLS, SNMP							
WEB Server	Built-in							
Max. number of on-line users	32							
ONVIF	✓							
Mobile phones support	Access by a cloud (P2P) <ul style="list-style-type: none"> Android: Free application EZView iOS (iPhone): Free application EZView 							
Default IP address	DHCP or 192.168.1.13							
Default admin user / password	admin / 123456							
Web browser access ports	80, 554							
Resolution	2560 x 1440 - 3.7 Mpx, 2304 x 1296 - 3 Mpx, 1920 x 1080 - 1080p			<ul style="list-style-type: none"> 1920 x 1080 / 60 Hz @ 30 m 1920 x 1200 / 60 Hz @ 30 m 1280 x 1024 / 60 Hz @ 100 m 				
PC client access ports	Port no.: 80 or access by a cloud (P2P) - PC: Free application EZStation							
Mobile client access ports	80							
Port ONVIF	80							
Battery power supply		11 V DC Li-Ion battery, 7800 mAh						
Electrodes lifetime		3000 fusions						
RTSP URL	rtsp://192.168.1.13:554/unicast/c1/s0/live <ul style="list-style-type: none"> Main stream rtsp://192.168.1.13:554/unicast/c1/s1/live Sub stream 							
Operation temp		-15 °C ... 50 °C						
Permissible relative humidity		< 95 % (non-condensing)						
Main features	<ul style="list-style-type: none"> D-WDR - Wide Dynamic Range 2D-DNR, 3D-DNR - Digital Noise Reduction F-DNR (Defog) - Reduction of image noise caused by precipitation ROI - improve the quality of selected parts of image ANR - Automatic Network Replenishment allows to save image to the card when the network connection with DVR is break (network failure) and next synchronise its NAS - Network Attached Storage support BLC/HLC - Back Light / High Light Compensation Possibility to change the resolution, quality and bit rate Mirror - Mirror image Privacy zones - max. 4 Motion Detection - max. 4 zones Sharpness - sharper image outlines Intelligent image analysis : crossing the line (tripwire), intrusion 	<ul style="list-style-type: none"> Built-in optical power meter : Optical wavelength : 850 nm, 1300 nm, 1310 nm, 1490 nm, 1550 nm, 1625 nm Wide measuring range : -70 dBm ... +6 dBm Accuracy : < 0.3 dB, VLS (VFL) - Visual Fault Locator of fiber cable : <ul style="list-style-type: none"> Optical wavelength : 650 nm Optical output power : 15 mW Operation modes : continuous, pulsed - 2 Hz 						
Power supply	- PoE (802.3af), - 12 V DC / 460 mA	13.5 V DC / 4.8 A (power adapter included)		5 V / 1000 mA 5 V USB				
Power consumption	≤ 5.5 W							
Housing	Compact, Metal + Plastic							
Color	Black		Black			Yellow	Light gray	Orange
"Index of Protection"	IP67						IP30 / IP44	IP30
Vandal-proof	—							
Operation temp	-30 °C ... 60 °C							
Weight	0.55 kg	2.16 kg	0.026 kg	0.170 kg 0.170 kg	0.019 kg	0.026 kg	0.735 kg	0.022 kg
Dimensions	165 x 63 x 63 mm	202 x 145 x 128 mm	50 x 36 x 24.5 mm	91 x 56 x 25 mm 91 x 56 x 25 mm	Ø 12.8 x 47.9 mm	Ø 60 x 61 mm - Internal dimensions Ø 71 x 62 mm - External dimensions	196 x 156 x 86 ... 146 mm (box) 210 x 170 x 12 mm (cover) 120 x 120 x 200 mm (carrier)	Ø 72 x 45 mm
Supported languages	Polish, English, Czech, Spanish, French, German, Portuguese, Slovak, Hungarian, Italian							
Manufacturer / Brand	UNIVIEW	Signal Fire				Elektro-Plast	KOPOS	SIMET
Guarantee	3 years	3 years	2 years	2 years	2 years	2 years	2 years	2 years

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