

	IP CAMERA IPC2124LB-SF28KM-G-BLACK - 3.7 Mpx 2.8 mm UNIVIEW	OPTICAL FIBER FUSION SPLICER AI-9 Signal Fire	UNIVERSAL MIDDLE CLAMP PV-KSU50/B FOR SOLAR PANELS	EXTENDER VGA + USB CE-100	ALLEN SCREW SI-M8X40/KI-8.8	FLUSH BOX PK-60F/K-G/SG/EPN Elektro-Plast	ELECTRICAL INSTALLATION BOX INTO THERMAL INSULATION KUZ-VOL-KB KOPOS
							
	1756.11 SEK 1756.11 SEK	9545.14 SEK 9545.14 SEK	10.64 SEK 10.64 SEK	1718.08 SEK 1718.08 SEK	2.72 SEK 2.72 SEK	12.42 SEK 12.42 SEK	478.83 SEK 478.83 SEK
Size	...	...	...	...	M8	...	...
Standard	TCP/IP	...	...	...	...	...	...
Height	...	...	21.5 mm	...	...	...	...
Sensor	1/3" Progressive Scan CMOS	...	...	...	...	...	...
Strength class	...	...	...	...	8.8	...	...
Number of sections	...	...	...	...	...	1	1, 2
Hole diameter	...	...	9 mm	...	...	...	...
Matrix size	4 Mpx	...	...	...	...	...	...
mounting screw	...	...	...	...	...	...	...
Wrench size	...	...	...	...	6 mm	...	...
Voltage insulation	...	...	...	...	...	...	~ 400 V
Fiber optic type	...	• 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	• 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
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
Audio	—	...	...	...	...	...	...
Fusion programs	...	(factory applications) + (user applications)	...	...	...	...	...
Internal light	...	✓	...	...	...	...	...
Internal heater	...	✓	...	...	...	...	...
Device type	...	...	...	Active / Transmitter	...	...	...
	...	...	...	Active / Receiver	...	...	...
Main stream frame rate	25 fps @ 3.7 Mpx	...	...	...	...	...	...
Network interface	10/100 Base-T (RJ-45)	...	...	...	...	...	...
Number of channels	...	...	...	1 x VGA 2 x USB 1 x VGA 2 x USB	...	...	...
Set fusions parameters	...	• Surface angle test • fiber forward • prefuse power • prefuse time • arc power • arc time, etc	...	...	...	...	...
Video transmission range	...	...	...	max. 100 m max. 100 m	...	...	...
Fusion storage	...	✓	...	...	...	...	...
Mechanical strength test	...	2 N
Computer interface	...	USB 2.0 - Possibility to charge smartphones



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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	...	...	...
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
Network protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, 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	<ul style="list-style-type: none"> Access by a cloud (P2P) Android: Free application EZView iOS (iPhones): 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 - 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 synchronize 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 : 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
"Index of Protection"	IP67	...	...	...	...	---	IP30 / IP44
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
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)

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Supported languages	Polish, English, Czech, Spanish, French, German, Portuguese, Slovak, Hungarian, Italian
Manufacturer / Brand	UNVIEW	Signal Fire	Elektro-Plast	KOPOS
Guarantee	3 years	3 years	2 years	2 years	2 years	2 years	2 years



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