

	IP CAMERA IPC-HDW3849H-AS-PV-0280B-S5 TiOC Full-Color - 8.3 Mpx 4K UHD 2.8 mm DAHUA	IP VANDALPROOF CAMERA DS-2CD1163G2-LIU(2.8MM)PL Smart Hybrid Light - 6 Mpx Hikvision	POWER METER WITH LCD DISPLAY OR-WAT-435 ORNO
			
	1930.00 PLN 1930.00 PLN	734.00 PLN 734.00 PLN	63.07 PLN 63.07 PLN
Standard	IP	IP	...
Device type	...	...	Power meter with LCD display
Power measurement	...	...	0 ... 3680 W
AC voltage measurement	...	...	150 ... 276 V
Maximal current	...	...	16 A
Maximal load	...	...	3680 W
Range of displayed power	...	...	0.0 ... 9999 W
Range of displayed voltage	...	...	0.0 ... 9999 V
Range of displayed cumulative electricity	...	...	0.000 ... 9999 kWh
Cumulative cost of electricity	...	...	0.00 ... 9999 €
Cost electricity setting range	...	...	00.00 ... 99.99 €/kWh
Time display range	...	...	0 s ... 9999 days
Price display range	...	...	00.00 ... 99.99 €/kWh
Resolution	3840 x 2160 - 8.3 Mpx 4K UHD , 3072 x 2048 - 6 Mpx , 3072 x 1728 - 5 Mpx , 2592 x 1944 - 5 Mpx , 2688 x 1520 - 4 Mpx , 2560 x 1440 - 4 Mpx , 2048 x 1536 - 3 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 960 - 1.3 Mpx , 1280 x 720 - 720p	3200 x 1800 - 6 Mpx , 2688 x 1520 - 4 Mpx , 1920 x 1080 - 1080p 1280 x 720 - 720p	...
Sensor	1/2.7 " Progressive Scan CMOS	1/2.4 " Progressive Scan CMOS	...
Lens	2.8 mm	2.8 mm	...
View angle	106 °	105 °	...
Main features	...	...	<ul style="list-style-type: none"> • Operation modes : Power consumption, Voltage, Current consumption, Current frequency, Power factor, Cumulated amount of electricity, Cumulative cost of electricity, Programmable price of 1 kWh, Cost of electricity (€/kWh), Cumulative time of energy consumption measurement The average weight of CO₂ emissions for the production of consumed energy • Large, readable LCD display • Simple configuration of the cost calculation setting • built-in battery
Range of IR illumination	≤ 30 m	30 m	...
White light LED illuminator range	≤ 30 m	30 m	...
Security class	...	...	IP20
Socket type	...	...	2P+Z, E type
Image compression method	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	...
Memory card slot	Micro SD card support up to 256GB	—	...
Alarm inputs / outputs	1 / 1	—	...
Audio	<ul style="list-style-type: none"> • Microphone built-in : 2 pcs, • Audio input, • Audio output, • Speaker built-in, • Bi-directional audio streaming support, • Audio detection, • Compliance with the AAC standard 	<ul style="list-style-type: none"> • Microphone built-in • Audio transmission via network • Compliance with the AAC standard • Noise and echo reduction 	...
Main stream frame rate	25 fps @ 8.3 Mpx	20 fps @ 6 Mpx	...
Network interface	10/100 Base-T (RJ-45)	10/100 Base-T (RJ-45)	...

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WEB Server	Built-in	Built-in	...
Max. number of on-line users	20	6	...
ONVIF	✓	✓	...
Mobile phones support	Port no.: 37777 or access by a cloud (P2P) • Android: Free application DMSS • iOS (iPhone): Free application DMSS	Port no.: 8000 or access by a cloud (P2P) • Android: Free application Hik-Connect • iOS: Free application Hik-Connect	...
Default IP address	192.168.1.108	192.168.1.64	...
Default admin user / password	admin / - The administrator password should be set at the first start	admin / - The administrator password should be set at the first start	...
Web browser access ports	80, 37777	80	...
PC client access ports	37777	Port no.: 8000 or access by a cloud (P2P) - iVMS-4200 application	...
Mobile client access ports	37777	8000	...
Port ONVIF	80	80	...
RTSP URL	rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream	• Main stream : rtsp://user:password@192.168.1.64:554/Streaming/Channels/101/ • Sub stream : rtsp://user:password@192.168.1.64:554/Streaming/Channels/102/	...
SAP Code	...	311327365	...
Intelligent image analysis	<ul style="list-style-type: none"> crossing the line (tripwire) intrusion classification of people and vehicles scene changing video tampering AcuPick support - technology that uses artificial intelligence on both front-end and back-end to search through massive amounts of video data to quickly locate targets with high precision Quick Pick - AI technology enabling, together with the recorder, quick identification of interesting objects (people/vehicles) based on an artificial intelligence algorithm. It allows to extract and compare the colors of clothes and vehicles AI SSA AI Smart Scene Adaptive - scene auto-adaptation using deep learning algorithms to detect environmental conditions such as rain, fog, backlight, low light and flickering, in order to set the optimal image parameters SMD 4.0 - searching for an object classified as: human, motor vehicle - increased detection distance and resistance to false alarms	...	...
Main features	<ul style="list-style-type: none"> Active intrusion deterrence works by blinking blue and red light and siren sound or voice prompts WDR - 120 dB - Wide Dynamic Range 3D-DNR - Digital Noise Reduction F-DNR (Defog) - Reduction of image noise caused by precipitation ROI - improve the quality of selected parts of image BLC/HLC - Back Light / High Light Compensation Full Color - colorful night mode White light (LED) illuminator built-in Day/Night mode (color/b&w/auto) ICR - Movable InfraRed filter Auto White Balance AGC - Automatic Gain Control Image rotation and mirror Motion Detection Configurable Privacy Zones 	<ul style="list-style-type: none"> Smart Hybrid Light technology - IR or LED illuminator works in night mode. White light will turn on automatically only when an object is detected in the monitored area, which effectively improves image quality Possibility to turn off the LED illuminator WDR - 120 dB - Wide Dynamic Range 3D-DNR - Digital Noise Reduction ROI - improve the quality of selected parts of image BLC - Back Light Compensation HLC - High Light Compensation (spot) Possibility to change the resolution, quality and bit rate Image rotation and mirror Sharpness - sharper image outlines video tampering Configurable Privacy Zones Smart motion detection (with recognizing people and vehicles) 	...
Housing	Dome - Metal	Dome, Metal + Plastic	Plastic
Color	White	White	...
"Index of Protection"	IP67	IP67	...
Mechanical protection class	—	IK08	...
Power supply	• PoE (802.3af), • 12 V DC / 770 mA	• PoE (802.3af), • 12 V DC / 500 mA	• 230 V AC, 50 Hz • 3.6 V DC, 40 mAh NiMH - built-in battery
Power consumption	• ≤ 10.1 W @ PoE • ≤ 8.6 W @ 12 V	• ≤ 7.5 W @ PoE • ≤ 6 W @ 12 V DC	...
Operation temp	-40 °C ... 60 °C	-30 °C ... 60 °C	...
Weight	0.75 kg	0.48 kg	0.17 kg
Dimensions	Ø 122 x 111 mm	Ø 121 x 98 mm	149 x 70 x 77 mm
Supported languages	Polish, English, Czech, French, Spanish, Dutch, German, Russian, Portuguese, Romanian, Turkish, Ukrainian, Hungarian, Vietnamese, Italian	Polish	...
Manufacturer / Brand	DAHUA	Hikvision	ORNO
Guarantee	3 years	3 years	2 years

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