





	IP VANDALPROOF CAMERA IPC-HDBW3549R1-ZAS-PV-27135 TiOC Full-Color 2.7 ... 13.5 mm - MOTOZOOM DAHUA	IP CAMERA IPC-HDW2249T-S-IL-0280B WizSense - 1080p 2.8 mm DAHUA	IP CAMERA APTL502V2L-28WP Full-Color - 5 Mpx 2.8 mm	VIDEO SEPARATOR AHD, HD-CVI, HD-TVI, PAL-PEM791 DAHUA
				
	4348.53 DKK 4348.53 DKK	1440.46 DKK 1440.46 DKK	767.28 DKK 767.28 DKK	133.91 DKK 133.91 DKK
Standard	TCP/IP	TCP/IP	TCP/IP	...
Sensor	1/2.7" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" SONY Starvis™ Back-illuminated CMOS	...
Matrix size	5 Mpx	2.1 Mpx	5 Mpx	...
Standard	...	...	...	AHD, HD-CVI, HD-TVI, PAL
Device type	...	...	...	Passive
Number of inputs	...	...	...	1 - BNC socket
Number of outputs	...	...	...	1 - BNC plug
Input impedance	...	...	...	75 Ω
Output impedance	...	...	...	75 Ω
Opto-isolation between input and output	...	...	...	800 V - peak
Insertion loss	...	...	...	0.5 dB
Bandwidth	...	...	...	0 ... 65 MHz
Main features	...	...	...	<ul style="list-style-type: none"> • Overvoltage protection : 4 kV 10/700 μs • Compliance with IEC61000-4-2, IEC61000-4-5 standards • MTBF (Mean Time Between Faults) > 20000 h • Length of the cables 2 x 13 cm
ESD protection	...	...	...	600 V (contact discharge) 8000 V (air-gap discharge)
Resolution	2960 x 1668 - 5 Mpx , 2880 x 1620 - 4.6 Mpx , 2688 x 1520 - 4 Mpx , 2560 x 1440 - 3.7 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	1920 x 1080 - 1080p , 1280 x 960 - 1.3 Mpx , 1280 x 720 - 720p	2592 x 1944 - 5 Mpx , 2560 x 1440 - 3.7 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	...
Housing type	...	...	...	ABS
Operation temp	...	...	...	-20 °C ... 55 °C
Lens	2.7 ... 13.5 mm - Motozoom	2.8 mm	2.8 mm	...
Permissible relative humidity	...	...	...	0 % ... 95 %
View angle	• 113 ° ... 36 ° (manufacturer data) • 103 ° ... 36 ° (our tests result)	• 107 ° (manufacturer data) • 101 ° (our tests result)	93 °	...
Range of IR illumination	50 m	30 m	...	...
White light LED illuminator range	40 m	30 m	25 m	...
Min. illumination	0.003 Lux / F1.0 (color)	0.002 Lux / F1.0 (color)	...	...
S/N ratio	> 56 dB	> 56 dB	...	...
RS-485 interface	---	---	---	---
Memory card slot	Micro SD memory cards up to 256GB support (possible local recording)	Micro SD memory cards up to 256GB support (possible local recording)	---	---
Image compression method	AI H.265 / H.265+ / H.265 / AI H.264 / H.264+ / H.264 / H.264H / H.264B / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	---
Alarm inputs / outputs	1 / 1	---	---	---
Audio	<ul style="list-style-type: none"> • Microphone built-in - 2 pcs, • External microphone input, • Speaker built-in • Audio output • Bi-directional audio streaming support • Audio detection 	<ul style="list-style-type: none"> • Microphone built-in • Audio detection 	<ul style="list-style-type: none"> • Microphone built-in • Audio transmission via network 	...
Main stream frame rate	20 fps @ 5 Mpx 25 fps @ 4 Mpx	25 fps @ 1080p	25 fps @ 5 Mpx	...
Network interface	10/100 Base-T (RJ-45)	10/100 Base-T (RJ-45)	10/100 Base-T (RJ-45)	...
Network protocols	IPv4/IPv6, HTTP, TCP, UDP, ARP, RTP, RTSP, RTCP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, QoS, UPnP, NTP, Multicast, ICMP, IGMP, NFS, SAMBA, PPPoE, SNMP	IPv4/IPv6, HTTP, TCP, UDP, ARP, RTP, RTSP, RTCP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, Multicast, ICMP, IGMP	...	...
WEB Server	Built-in	Built-in	Built-in	...
Max. number of on-line users	20	6	10	...
ONVIF	21.12	21.06	19.12	...
Mobile phones support	Port no.: 37777 or access by a cloud (P2P) • Android: Free application DMSS • iOS (iPhone): Free application DMSS	Port no.: 37777 or access by a cloud (P2P) • Android: Free application DMSS • iOS (iPhone): Free application DMSS	Port no.: 80 or access by a cloud (P2P) • Android: Free application BitVision • iOS (iPhone): Free application BitVision	...
Default IP address	192.168.1.108	192.168.1.108	192.168.1.168	...
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	admin / admin The administrator password should be set at the first start	...
Web browser access ports	80, 37777	80, 37777	80	...
PC client access ports	37777	37777	80	...
Mobile client access ports	37777	37777	80	...

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Port ONVIF	80	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	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	rtsp://user:password@ip_address:80/0 - Main stream rtsp://user:password@ip_address:80/1 - Sub stream	...
Main features	<ul style="list-style-type: none"> Active deterrence function, Alternately flashing LEDs: red and blue - frequency configuration, Siren sound - 3 volume levels WDR - 120 dB - Wide Dynamic Range 3D-DNR - Digital Noise Reduction ROI - improve the quality of selected parts of image F-DNR (Defog) - Reduction of image noise caused by precipitation 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 SMD 4.0 - searching for an object classified as: human, motor vehicle - increased detection distance and resistance to false alarms 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 BLC/HLC - Back Light / High Light Compensation Day/night mode Full Color - colorful night mode Auto White Balance AGC - Automatic Gain Control Motion Detection - max. 4 zones Privacy zones - max. 8 Mirror - Mirror image Light and sound alarm White light (LED) illuminator built-in : 2 LEDs IVS analysis : Smart motion detection (with recognizing people and vehicles), crossing the line (tripwire), intrusion - classification of people and vehicles, scene changing, video tampering, Audio detection 	<ul style="list-style-type: none"> WDR - 120 dB - Wide Dynamic Range 3D-DNR - Digital Noise Reduction ROI - improve the quality of selected parts of image BLC/HLC - Back Light / High Light Compensation Possibility to change the resolution, quality and bit rate Motion Detection Configurable Privacy Zones Mirror - Mirror image SMD PLUS - searching for an object classified as: human, motor vehicle IVS analysis : intrusion, crossing the line (tripwire) - classification of people and vehicles video tampering 	<ul style="list-style-type: none"> 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 Flicker Control - The technology eliminates the tiring eyes flickering image effect BLC - Back Light Compensation HLC - High Light Compensation (spot) Possibility to change the resolution, quality and bit rate ICR - Movable InfraRed filter Motion Detection Privacy zones Mirror - Mirror image Sharpness - sharper image outlines Intelligent image analysis : intrusion, crossing the line (tripwire), loitering detection, motion detection based on human detection, detection of people gathering, vehicle detection, video tampering 	...
Power supply	<ul style="list-style-type: none"> PoE (802.3af) 12 V DC / 640 mA 	<ul style="list-style-type: none"> PoE (802.3af) 12 V DC / 330 mA 	<ul style="list-style-type: none"> PoE (802.3af) 12 V DC / 400 mA 	---
Power consumption	<ul style="list-style-type: none"> ≤ 9 W @ PoE ≤ 7.7 W @ 12 V 	<ul style="list-style-type: none"> ≤ 3.8 W @ 12 V DC ≤ 4.4 W @ PoE 	≤ 4.8 W	...
Housing	Dome - Metal	Dome - Metal + Plastic	Dome - Metal + Plastic	...
Color	White	White	White	...
Index of Protection	IP67	IP67	IP67	...
Vandal-proof	IK10	---	---	...
Operation temp	-30 °C ... 60 °C	-40 °C ... 60 °C	-20 °C ... 60 °C	...
Weight	0.73 kg	0.37 kg	0.59 kg	0.034 kg
Dimensions	Ø 126 x 105 mm	Ø 110 x 101 mm	Ø 127 x 102 mm	42 x 23 x 16 mm
Supported languages	Polish, English, Czech, French, Spanish, Dutch, German, Russian, Portuguese, Romanian, Turkish, Ukrainian, Hungarian, Italian	Polish, English, Czech, French, Spanish, Dutch, German, Russian, Portuguese, Romanian, Turkish, Ukrainian, Hungarian, Italian	Polish, English, Czech, French, Spanish, Dutch, German, Portuguese, Romanian, Turkish, Ukrainian, Italian	...
Manufacturer / Brand	DAHUA	DAHUA	APTI	DAHUA
Guarantee	3 years	3 years	2 years	3 years

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