


	AHD, HD-CVI, HD-TVI, PAL CAMERA HAC-HDW1500TMO-A-0280B-S2 - 5 Mpx 2.8 mm DAHUA	IP CAMERA APTI-AI507C3-28WP - 5 Mpx 2.8 mm	IP CAMERA IPC2124SB-ADF28KMC-10 Tri-Guard - 4 Mpx 2.8 mm UNIVIEW
			
	353.00 PLN 353.00 PLN	280.00 PLN 280.00 PLN	1134.54 PLN 1134.54 PLN
Standard	HD-CVI, HD-TVI, AHD, CVBS	TCP/IP	TCP/IP
Sensor	1/2.7 " Progressive Scan CMOS	1/2.8 " SONY Starvis™ Back-illuminated CMOS	1/2.7 " Progressive Scan CMOS
Matrix size	5 Mpx	5 Mpx	4 Mpx
Resolution	2880 x 1620 - 5 Mpx - HD-CVI only : Aspect Ratio 16 : 9 , 2560 x 1440 - 3.7 Mpx , 1920 x 1080 - 1080p - HD-CVI only , 960 x 576 - 960H, PAL	2592 x 1944 - 5 Mpx , 2560 x 1440 - 3.7 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	2688 x 1520 - 4 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p
White light LED illuminator range	...	...	30 m
Range of IR illumination	60 m	25 m	30 m
S/N ratio	...	...	> 56 dB
IR illuminator power adjustment	Automatic	...	...
Lens	2.8 mm	2.8 mm	2.8 mm
Image compression method	...	H.265 / H.264	Ultra 265 / H.265 / H.264 / MJPEG
Memory card slot	...	—	Micro SD memory cards up to 256GB support (possible local recording)
View angle	• 111 ° (manufacturer data) • 107 ° (our tests result)	• 99 ° (manufacturer data) • 94 ° (our tests result)	• 101 ° (manufacturer data) • 97 ° (our tests result)
Alarm inputs / outputs	...	—	—
Video output	AHD / HD-CVI / HD-TVI / CVBS, 1 Vpp / 75 Ω	...	...
Main stream frame rate	...	25 fps @ 5 Mpx	25 fps @ 4 Mpx
Network interface	...	10/100 Base-T (RJ-45)	10/100 Base-T (RJ-45)
Audio	• Microphone built-in, • Audio support via coaxial cable - HD-CVI only	• External microphone input - Jack 3.5 mm socket • Audio output - Jack 3.5 mm socket • Bi-directional audio streaming support	• Microphone built-in, • Speaker built-in • Audio detection • Bi-directional audio streaming support
Network protocols	...	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, SMTP, UDP	...
OSD menu	OSD menu available via DAHUA recorder	...	...
WEB Server	...	Built-in	Built-in
Max. number of on-line users	...	10	32
ONVIF	...	✓	✓
RS-485 interface	...	—	...

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Mobile phones support	...	Port no.: 80 or access by a cloud (P2P) • Android: Free application BitVision • iOS (iPhone): Free application BitVision	Access by a cloud (P2P) • Android: Free application EZView • iOS (iPhone): Free application EZView
Default IP address	...	192.168.1.168	DHCP or 192.168.1.13
Default admin user / password	...	admin / admin	admin / 123456
Web browser access ports	...	80	80, 554
PC client access ports	...	80	Port no.: 80 or access by a cloud (P2P) - PC: Free application EZStation
Mobile client access ports	...	80	80
Port ONVIF	...	80	80
RTSP URL	...	rtsp://user:password@ip_address:80/0 - Main stream rtsp://user:password@ip_address:80/1 - Sub stream	rtsp://192.168.1.13:554/unicast/c1/s0/live - Main stream rtsp://192.168.1.13:554/unicast/c1/s1/live - Sub stream
Main features	<ul style="list-style-type: none"> • D-WDR - Wide Dynamic Range • 2D-DNR - Digital Noise Reduction • BLC/HLC - Back Light / High Light Compensation • ICR - Movable InfraRed filter • Day/night mode • AGC - Automatic Gain Control • Auto White Balance • Privacy zones • Mirror - Mirror image • Sharpness - sharper image outlines 	<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 • Flicker Control - The technology eliminates the tiring eyes flickering image effect • Mirror - Mirror image • BLC - Back Light Compensation • HLC - High Light Compensation (spot) • ICR - Movable InfraRed filter • Possibility to change the resolution, quality and bit rate • Privacy zones - max. 3 • Day/Night mode - configurable • Sharpness - sharper image outlines • Intelligent image analysis : intrusion, crossing the line (tripwire), detection of people gathering, motion detection based on human detection, video tampering 	<ul style="list-style-type: none"> • Active deterrence function - Intelligent alarm linked to turning on white light and loudspeaker • WDR - 120 dB - 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 • Corridor mode - useful for monitoring corridors, entrance gates and narrow rooms • BLC/HLC - Back Light / High Light Compensation • Possibility to change the resolution, quality and bit rate • Image rotation and mirror • Privacy zones - max. 4 • Motion detection with human/vehicle silhouette recognition • Sharpness - sharper image outlines • Overload protection : 4 kV • Intelligent image analysis : intrusion, crossing the line (tripwire), detection of entry into the area / exit from the area, face detection, people counting, crowd gathering estimation
Power supply	12 V DC / 440 mA	<ul style="list-style-type: none"> • PoE (802.3af), • 12 V DC / 310 mA 	<ul style="list-style-type: none"> • PoE (802.3af), • 12 V DC / 960 mA
Power consumption	≤ 5.2 W	≤ 3.7 W	≤ 11.5 W
Housing	Dome, Metal + Plastic	Compact - Metal	Compact, Metal + Plastic

Vandal-proof	—	...	—
Color	White	White	White
"Index of Protection"	IP67	IP67	IP67
Operation temp	-40 °C ... 60 °C	-20 °C ... 60 °C	-30 °C ... 60 °C
Weight	0.43 kg	0.44 kg	0.42 kg
Dimensions	Ø 122 x 99 mm	173 x 73 x 73 mm	191 75 x 74 mm
Supported languages	...	Polish, English, French, Russian	Polish, English, Czech, Spanish, Dutch, French, German, Portuguese, Slovak, Hungarian, Italian
Manufacturer / Brand	DAHUA	APTI	UNIVIEW
Guarantee	3 years	2 years	3 years



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