

	WLAN USB ADAPTER NC1800 Wi-Fi 6, 574 Mbps @ 2.4 GHz, 1201 Mbps @ 5 GHz DAHUA	IP CAMERA IPC3614SS-ADF28KMJ0- BLACK - 4 Mpx 2.8 mm UNIVIEW	IP CAMERA IPC-HDW1439V-A1L Smart Dual Light - 3.7 Mpx 2.8 mm DAHUA	IP CAMERA APTLA1504VA21-28W- 4 Mpx 2.8 mm	IP CAMERA IPC3614SS-ADF28KMJ0- 4 Mpx 2.8 mm UNIVIEW	IP CAMERA IPC3615SE-ADF28KMJLW2- 10 ColorHunter - 5 Mpx 2.8 mm UNIVIEW
	50.83 CAD 50.83 CAD	417.63 CAD 417.63 CAD	245.13 CAD 245.13 CAD	135.54 CAD 135.54 CAD	414.56 CAD 414.56 CAD	506.54 CAD 506.54 CAD
Standard	...	TCP/IP	TCP/IP	TCP/IP	TCP/IP	TCP/IP
Sensor	...	1/2.7 " Progressive Scan CMOS	1/2.9 " Progressive Scan CMOS	1/2.8 " SONY Starvis™ Back-illuminated CMOS	1/2.7 " Progressive Scan CMOS	1/2.7 " Progressive Scan CMOS
Matrix size	...	4 Mpx	4 Mpx	5 Mpx	4 Mpx	5 Mpx
Scanning system	...	Progressive	...	...	Progressive	...
Supported standards	IEEE 802.11 b/g/n/ax @ 2.4 GHz , IEEE 802.11 a/n/ac/ax @ 5 GHz	...	...	...	...	...
Supported transmission speeds	574 Mbps @ 2.4 GHz , 1201 Mbps @ 5 GHz	...	...	...	...	...
Antenna type	2 x Omnidirectional antenna 5 dBm, Integrated	...	...	...	...	...
Interface	USB 3.0	...	...	...	...	...
Resolution	...	2688 x 1520 - 4 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p	2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 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 , 2304 x 1296 - 3 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	2880 x 1620 - 5 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p
Lens	...	2.8 mm	2.8 mm	2.8 mm	2.8 mm	2.8 mm @ F1.0
Frequency range	2.4 GHz, 5 GHz	...	...	...	...	...
View angle	...	• 96 ° (manufacturer data) • 92 ° (our tests result)	94 °	• 107 ° (manufacturer data) • 93 ° (our tests result)	• 101 ° (manufacturer data) • 97 ° (our tests result)	• 102 ° (manufacturer data) • 101 ° (our tests result)
S/N ratio	...	> 52 dB	...	...	> 56 dB	> 56 dB
RS-485 interface	...	...	...	...	...	...
White light LED illuminator range	...	...	30 m	...	...	30 m
Range of IR illumination	...	40 m	30 m	30 m	30 m	...
Certificates	CE, FCC	...	...	...	...	...
Operation temp	0 °C ... 40 °C	...	...	...	...	...
Image compression method	...	Ultra 265 / H.265 / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	Ultra 265 / H.265 / H.264 / MJPEG	Ultra 265 / H.265 / H.264 / MJPEG
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)	Micro SD memory cards up to 256GB support (possible local recording)
Alarm inputs / outputs	...	...	...	...	...	...
Main stream frame rate	...	25 fps @ 4 Mpx	25 fps @ 3.7 Mpx	max. 25 fps @ 5 Mpx	25 fps @ 4 Mpx	25 fps @ 5 Mpx
Audio	...	• Microphone built-in • Audio transmission via network • Audio detection	• Microphone built-in • Audio transmission via network • Compliance with the AAC standard • Audio detection	• External microphone input. • Audio output, • Bi-directional audio streaming support, • Compliance with the AAC standard	• Microphone built-in • Audio transmission via network • Audio detection	• Microphone built-in • Audio transmission via network • Audio detection
Network interface	...	10/100 Base-T (RJ-45)	10/100 Base-T (RJ-45)	10/100 Base-T (RJ-45)	10/100 Base-T (RJ-45)	10/100 Base-TX (RJ-45)
Network protocols	...	...	...	TCP/IP, IPv4/IPv6, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPS, NTP, SNMP, SMTP, UDP, QoS, IEEE 802.1x	IPv4/IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, IEEE 802.1x, SNMP, QoS, SSL / TLS, SSH	IPv4/IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, IEEE 802.1x, SNMP, QoS, RTMP, SSL / TLS, SSH
WEB Server	...	Built-in	Built-in	Built-in	Built-in	Built-in
Max. number of on-line users	...	32	6	10	32	32
ONVIF	...	✓	✓	19.12	✓	✓
Mobile phones support	...	Access by a cloud (P2P) • Android: Free application EZView • iOS (iPhone): Free application EZView	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 BlueVision • iOS (iPhone): Free application BlueVision	Access by a cloud (P2P) • Android: Free application EZView • iOS (iPhone): Free application EZView	Access by a cloud (P2P) • Android: Free application EZView • iOS (iPhone): Free application EZView
Default IP address	...	DHCP or 192.168.1.13	192.168.1.108	192.168.1.168	DHCP or 192.168.1.13	DHCP or 192.168.1.13
Default admin user / password	...	admin / 123456	admin / - The administrator password should be set at the first start	admin / admin	admin / 123456	admin / 123456
Web browser access ports	...	80, 554	80, 37777	80	80, 554	80, 554
PC client access ports	...	Port no.: 80 or access by a cloud (P2P) - PC: Free application EZStation	37777	80	Port no.: 80 or access by a cloud (P2P) - PC: Free application EZStation	Port no.: 80 or access by a cloud (P2P) - PC: Free application EZStation
Mobile client access ports	...	80	37777	80	80	80
Port ONVIF	...	80	80	80	80	80
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	rtsp://admin:haso@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream rtsp://admin:haso@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream	rtsp://user:password@ip_address:8001 - Main stream rtsp://user:password@ip_address:8001 - 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	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	...	• 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 • BLC/HLC - Back Light / High Light Compensation • Image rotation and mirror • Privacy zones - max. 4 • Motion detection with human/vehicle silhouette recognition • Sharpness - sharper image outlines • Corridor mode - useful for monitoring corridors, entrance gates and narrow rooms • Intelligent image analysis : crossing the line (tripwire), intrusion, detection of entry into the area / exit from the area, abandoned/missing object, face detection, people counting, crowd gathering estimation, scene changing	• 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 • Image rotation and mirror • Motion Detection - max. 4 configurable zones • Privacy zones - max. 4 • Intelligent image analysis : Human detection	• Intelligent image analysis : intrusion, crossing the line (tripwire), loitering detection, detection of people gathering, vehicle detection • WDR - 120 dB - Wide Dynamic Range • 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 • 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) • ICR - Movable InfraRed filter • Motion Detection • Privacy zones - max. 3 • Mirror - Mirror image • Day/Night mode - configurable • Sharpness - sharper image outlines	• 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 • BLC/HLC - Back Light / High Light Compensation • Image rotation and mirror • Privacy zones - max. 4 • Motion detection with human/vehicle silhouette recognition • Sharpness - sharper image outlines • Corridor mode - useful for monitoring corridors, entrance gates and narrow rooms • Intelligent image analysis : crossing the line (tripwire), intrusion, detection of entry into the area / exit from the area, face detection, people counting, crowd gathering estimation	• ColorHunter - colorful night mode • WDR - 120 dB - Wide Dynamic Range • 2D-DNR, 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • BLC/HLC - Back Light / High Light Compensation • 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 • Possibility to change the resolution, quality and bit rate • Sharpness - sharper image outlines • Corridor mode - useful for monitoring corridors, entrance gates and narrow rooms • Privacy zones - max. 4 • Motion detection with human/vehicle silhouette recognition • Intelligent image analysis : crossing the line (tripwire), intrusion, detection of entry into the area / exit from the area, face detection, people counting, crowd gathering estimation • Overvoltage protection : 4 kV

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Power supply	...	• PoE (802.3af), • 12 V DC / 330 mA	• PoE (802.3af), • 12 V DC / 380 mA	• PoE (802.3af), • 12 V DC / 700 mA	• PoE (802.3af), • 12 V DC / 330 mA	• PoE (802.3af), • 12 V DC / 625 mA
Power consumption	...	≤ 4 W	• ≤ 5.7 W @ PoE • ≤ 4.6 W @ 12 V DC	≤ 8.4 W	≤ 4 W	≤ 7.5 W
Housing	...	Dome, Metal	Dome - Metal + Plastic	Dome, Metal	Dome, Metal	Dome, Metal
Color	...	Black	White	White	White	White
"Index of Protection"	...	IP67	IP67	IP67	IP67	IP67
Vandal-proof	...	→	→	→	→	→
Operation temp	...	-20 °C ... 60 °C	-40 °C ... 60 °C	-20 °C ... 60 °C	-30 °C ... 60 °C	-30 °C ... 60 °C
Weight	...	0.44 kg	0.33 kg	0.62 kg	0.44 kg	0.46 kg
Dimensions	210 x 100 x 90 mm	Ø 111 x 94 mm	Ø 110 x 101 mm	Ø 127 x 94 mm	Ø 111 x 94 mm	Ø 110 x 94 mm
Supported languages	...	Polish, English, Czech, Spanish, Dutch, French, German, Portuguese, Slovak, Hungarian, Italian	English, Spanish, Russian	Polish, English, Bulgarian, Czech, French, Spanish, Dutch, German, Portuguese, Turkish, Italian	Polish, English, Czech, Spanish, Dutch, French, German, Portuguese, Slovak, Hungarian, Italian	Polish, English, Czech, Spanish, Dutch, French, German, Portuguese, Slovak, Hungarian, Italian
Manufacturer / Brand	DAHUA	UNIVIEW	DAHUA	APTI	UNIVIEW	UNIVIEW
Guarantee	3 years	3 years	3 years	2 years	3 years	3 years



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