




	IP CAMERA IPC-HFW2849S-S-IL-Q280B-BLACK WizSense - 8.3 Mpx 4K UHD 2.8 mm DAHUA	IP CAMERA BCS-L-TIP58FCR3L3-A11-GI2 NightColor - 8.3 Mpx 4K UHD 2.8 mm BCS Lite	IP CAMERA IPC-HFW3849TL-AS-PV-0280B-S4-BLACK TIOC Full-Color - 8.3 Mpx 4K UHD 2.8 mm DAHUA
			
	292.24 EUR 292.24 EUR	447.84 EUR 447.84 EUR	494.19 EUR 494.19 EUR
Standard	TCP/IP	TCP/IP	TCP/IP
Sensor	1/2.7" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Matrix size	8.3 Mpx 4K UHD	8.3 Mpx	8.3 Mpx
Resolution	3840 x 2160 - 8.3 Mpx 4K UHD , 3072 x 2048 - 6 Mpx , 3072 x 1728 - 5 Mpx , 2880 x 1620 - 4.6 Mpx , 2688 x 1520 - 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	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 , 2048 x 1536 - 3 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 960 - 1.3 Mpx , 1280 x 720 - 720p	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 - 3.7 Mpx , 2048 x 1536 - 3 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p
Scanning system	Progressive	...	...
Lens	2.8 mm	2.8 mm F1.0	2.8 mm
View angle	• 111 ° (manufacturer data) • 104 ° (our tests result)	• 106 ° (manufacturer data) • 100 ° (our tests result)	• 106 ° (manufacturer data) • 100 ° (our tests result)
Range of IR illumination	30 m	≤ 30 m	30 m
White light LED illuminator range	30 m	≤ 30 m	30 m
Min. illumination	0.008 Lux / F1.6 (color)	0.004 Lux / F1.0, 30IRE (color)	...
S/N ratio	> 56 dB	...	...
Image compression method	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / H.264H / H.264B / MJPEG	AI H.265 / H.265+ / H.265 / AI H.264 / H.264+ / H.264 / H.264H / H.264B / 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)
RS-485 interface	—	—	—
Alarm inputs / outputs	—	1 / 1	1 / 1
Audio	• Microphone built-in • Audio detection • Compliance with the AAC standard	• Microphone built-in - 2 pcs, • Speaker built-in, • Audio input, • Audio output, • Bi-directional audio streaming support, • Audio detection	• Microphone built-in - 2 pcs, • Audio input, • Speaker built-in • Audio output • Bi-directional audio streaming support • Audio detection • Compliance with the AAC standard
Main stream frame rate	20 fps @ 8.3 Mpx 25 fps @ 4 Mpx	25 fps @ 8.3 Mpx	25 fps @ 8.3 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, UPnP, NTP, Multicast, IGMP, NFS, PPPoE, Bonjour	...	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
WEB Server	Built-in	Built-in	Built-in
Max. number of on-line users	20	20	20
ONVIF	21.12	✓	21.12
Mobile phones support	Port no.: 37777 or access by a cloud (P2P) • Android: Free application <a href="#">DMSS</a> • iOS (iPhone): Free application <a href="#">DMSS</a>	Port no.: 37777 or access by a cloud (P2P) • Android: Free application <a href="#">BCS Manager</a> • iOS (iPhone): Free application <a href="#">BCS Manager</a>	Port no.: 37777 or access by a cloud (P2P) • Android: Free application <a href="#">DMSS</a> • iOS (iPhone): Free application <a href="#">DMSS</a>
Default IP address	192.168.1.108	192.168.1.108	192.168.1.108
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 / - The administrator password should be set at the first start
Web browser access ports	80, 37777	80, 37777	80, 37777
PC client access ports	37777	37777	37777
Mobile client access ports	37777	37777	37777
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://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 features	<ul style="list-style-type: none"> <li>• WDR - 120 dB - Wide Dynamic Range</li> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• ROI - improve the quality of selected parts of image</li> <li>• NAS - Network Attached Storage support</li> <li>• SMD PLUS - searching for an object classified as: human, motor vehicle</li> <li>• BLC/HLC - Back Light / High Light Compensation</li> <li>• Possibility to change the resolution, quality and bit rate</li> <li>• Motion Detection</li> <li>• Configurable Privacy Zones</li> <li>• Mirror - Mirror image</li> <li>• IVS analysis : intrusion, crossing the line (tripwire) - classification of people and vehicles video tampering</li> </ul>	<ul style="list-style-type: none"> <li>• Active deterrence function, Alternately flashing LEDs: red and blue - frequency configuration, Alarm siren</li> <li>• WDR - 120 dB - Wide Dynamic Range</li> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• ROI - improve the quality of selected parts of image</li> <li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>• 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</li> <li>• SMD 4.0 - searching for an object classified as: human, motor vehicle - increased detection distance and resistance to false alarms</li> <li>• BLC/HLC - Back Light / High Light Compensation</li> <li>• Day/night mode</li> <li>• Full Color - colorful night mode</li> <li>• Auto White Balance</li> <li>• AGC - Automatic Gain Control</li> <li>• Motion Detection - max. 4 zones</li> <li>• Privacy zones - max. 8</li> <li>• Mirror - Mirror image</li> <li>• Light and sound alarm</li> <li>• White light (LED) illuminator built-in : 2 LEDs</li> <li>• IVS analysis : crossing the line (tripwire), intrusion - classification of people and vehicles, scene changing, video tampering, Audio detection</li> </ul>	<ul style="list-style-type: none"> <li>• Active deterrence function, Alternately flashing LEDs: red and blue - frequency configuration, Alarm siren</li> <li>• WDR - 120 dB - Wide Dynamic Range</li> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• ROI - improve the quality of selected parts of image</li> <li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>• 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</li> <li>• SMD 4.0 - searching for an object classified as: human, motor vehicle - increased detection distance and resistance to false alarms</li> <li>• 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</li> <li>• BLC/HLC - Back Light / High Light Compensation</li> <li>• Day/night mode</li> <li>• Full Color - colorful night mode</li> <li>• Auto White Balance</li> <li>• AGC - Automatic Gain Control</li> <li>• Motion Detection - max. 4 zones</li> <li>• Privacy zones - max. 8</li> <li>• Mirror - Mirror image</li> <li>• Light and sound alarm</li> <li>• White light (LED) illuminator built-in : 2 LEDs</li> <li>• IVS analysis : crossing the line (tripwire), intrusion - classification of people and vehicles, scene changing, video tampering, Audio detection</li> </ul>
Housing	Compact - Metal	Compact - Metal	Compact - Metal
Color	Black	Dark graphite	Black
"Index of Protection"	IP67	IP67	IP67

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Monday-Friday: 8.00-19.00 / Saturday: 8.00-14.00

Vandal-proof	—	—	—
Power supply	<ul style="list-style-type: none"> <li>• PoE (802.3af)</li> <li>• 12 V DC / 420 mA</li> </ul>	<ul style="list-style-type: none"> <li>• PoE (802.3af)</li> <li>• 12 V DC / 530 mA</li> </ul>	<ul style="list-style-type: none"> <li>• PoE (802.3af)</li> <li>• 12 V DC / 530 mA</li> </ul>
Power consumption	<ul style="list-style-type: none"> <li>• ≤ 5 W @ 12 V DC</li> <li>• ≤ 5,9 W @ PoE</li> </ul>	<ul style="list-style-type: none"> <li>• ≤ 9,1 W @ PoE</li> <li>• ≤ 7,6 W @ 12 V</li> </ul>	<ul style="list-style-type: none"> <li>• ≤ 9,1 W @ PoE</li> <li>• ≤ 7,6 W @ 12 V</li> </ul>
Operation temp	-40 °C ... 60 °C	-40 °C ... 60 °C	-40 °C ... 60 °C
Weight	0,47 kg	1 kg	0,99 kg
Dimensions	166 x 70 x 70 mm	289 x 95 x 85 mm	289 x 95 x 85 mm
Supported languages	Polish, English, Czech, French, Spanish, Dutch, German, Russian, Portuguese, Romanian, Turkish, Ukrainian, Hungarian, Italian	Polish, English	Polish, English, Czech, French, Spanish, Dutch, German, Russian, Portuguese, Romanian, Ukrainian, Hungarian, Italian
Manufacturer / Brand	DAHUA	BCS Line	DAHUA
Guarantee	3 years	2 years	3 years



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