

	<a href="#">IP VANDALPROOF CAMERA IPC-HDBW5449R-ASE-LED-0280B Full-Color - 4 Mpx 2.8 mm DAHUA</a>	<a href="#">IP CAMERA DS-2CD2387G2H-LIU(2.8MM)(EF) ColorVu - 8.3 Mpx 4K UHD Hikvision</a>
		
	2301.00 PLN 2301.00 PLN	2435.00 PLN 2435.00 PLN
Standard	TCP/IP	TCP/IP
Sensor	1/1.8 " Progressive Scan CMOS	1/1.8 " Progressive Scan CMOS
Matrix size	4 Mpx	8.3 Mpx
Resolution	2688 x 1520 - 4 Mpx , 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	3840 x 2160 - 8.3 Mpx, 4K UHD , 3200 x 1800 - 5.8 Mpx , 2688 x 1520 - 4 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p
Lens	2.8 mm	2.8 mm
Range of IR illumination	...	40 m
View angle	<ul style="list-style-type: none"> <li>• 107 ° (manufacturer data)</li> <li>• 104 ° (our tests result)</li> </ul>	<ul style="list-style-type: none"> <li>• 109 ° (manufacturer data)</li> <li>• 104 ° (our tests result)</li> </ul>
White light LED illuminator range	30 m	40 m
Min. illumination	0.0005 Lux / F1.0 (color)	...
S/N ratio	> 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 512GB support (possible local recording)
Image compression method	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"> <li>• Microphone built-in</li> <li>• External microphone input</li> <li>• Audio output</li> <li>• Bi-directional audio streaming support</li> <li>• Audio detection</li> </ul>	<ul style="list-style-type: none"> <li>• Microphone built-in</li> <li>• Audio transmission via network</li> <li>• Compliance with the AAC standard</li> <li>• Noise and echo reduction</li> </ul>
Main stream frame rate	25 fps @ 4 Mpx	25 fps @ 8.3 Mpx
Network interface	10/100 Base-T (RJ-45)	10/100 Base-T (RJ-45)
Network protocols	IPv4/IPv6, HTTP, HTTPS, TCP, UDP, ARP, RTP, RTSP, RTCP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, QoS, UPnP, NTP, Multicast, ICMP, IGMP, NFS, SAMBA, PPPoE, IEEE 802.1x, SNMP	...
WEB Server	Built-in	Built-in
Max. number of on-line users	20	6
ONVIF	20.12	✓
Main features	<ul style="list-style-type: none"> <li>• WDR - 140 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>• NAS - Network Attached Storage support</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>• Heat map - the selection in the image by corresponding colors the areas with different traffic</li> <li>• IVS analysis : Parking monitoring mode, crossing the line (tripwire) - classification of people and vehicles, intrusion - classification of people and vehicles, fast moving - classification of people and vehicles, illegal parking, detection of people gathering, people counting, scene changing, abandoned/missing object, face detection, counting people entering and leaving the area - configuration to 4 counting rules, counting people in a given area - configuration to 4 counting rules, Statistical Reporting</li> </ul>	<ul style="list-style-type: none"> <li>• Smart Hybrid Light / ColorVu 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</li> <li>• Possibility to turn off the LED illuminator</li> <li>• WDR - 130 dB - Wide Dynamic Range</li> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• ROI - improve the quality of selected parts of image</li> <li>• BLC - Back Light Compensation</li> <li>• HLC - High Light Compensation (spot)</li> <li>• Possibility to change the resolution, quality and bit rate</li> <li>• Mirror - Mirror image</li> <li>• Smart motion detection (with recognizing people and vehicles)</li> <li>• Configurable Privacy Zones</li> <li>• Sharpness - sharper image outlines</li> <li>• Filtering of false alarms based on the recognition of persons and vehicles</li> <li>• video tampering</li> <li>• Intelligent image analysis : crossing the line (tripwire), intrusion, scene changing, detection of entry into the area / exit from the area - classification of people and vehicles, face detection</li> </ul>

DELTA-OPTI Monika Matysiak / VAT:PL5251295225 / 60-713 Poznań, ul. Graniczna 10  
Tel:+48 61 864 69 60 / GSM:+48 607 60 11 66 / Fax:+48 61 864 69 65 / e-mail: info@delta.poznan.pl  
Monday-Friday: 8.00-19.00 / Saturday: 8.00-14.00

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.: 8000 or access by a cloud (P2P) • Android: Free application <a href="#">Hik-Connect</a> • iOS: Free application <a href="#">Hik-Connect</a>
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:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream rtsp://admin:hasło@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	...	311323592
Power supply	• PoE (802.3af), • ePoE, • 12 V DC / 590 mA	• PoE (802.3af), • 12 V DC / 540 mA
Power consumption	• ≤ 7 W @ 12 V DC • ≤ 7.8 W @ PoE	• ≤ 8 W @ PoE • ≤ 6.5 W @ 12 V DC
Housing	Dome - Metal	Dome, Metal
Color	White	White
"Index of Protection"	IP67	IP67
Vandal-proof	IK10	—
Operation temp	-40 °C ... 60 °C	-30 °C ... 60 °C
Weight	0.53 kg	0.77 kg
Dimensions	Ø 122 x 94 mm	Ø 138 x 115 mm
Supported languages	Polish, English, Czech, French, Spanish, Dutch, German, Russian, Portuguese, Italian	Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Finnish, French, Greek, Spanish, Dutch, Lithuanian, Latvian, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Italian
Manufacturer / Brand	DAHUA	Hikvision
Guarantee	3 years	3 years

DELTA-OPTI Monika Matysiak / VAT:PL5251295225 / 60-713 Poznań, ul. Graniczna 10  
Tel:+48 61 864 69 60 / GSM:+48 607 60 11 66 / Fax:+48 61 864 69 65 / e-mail: info@delta.poznan.pl  
Monday-Friday: 8.00-19.00 / Saturday: 8.00-14.00