



	IP CAMERA DS-2CD2T83G2-4I(2.8MM) ACUSENSE 8.3 Mpx 4K UHD Hikvision	IP CAMERA DS-2CD2087G2H-1IU(4MM)(EF) ColorVu - 8.3 Mpx 4K UHD Hikvision
		
	361.82 EUR 361.82 EUR	582.31 EUR 582.31 EUR
Standard	TCP/IP	TCP/IP
Sensor	1/2.8 " Progressive Scan CMOS	1/1.8 " Progressive Scan CMOS
Matrix size	8.3 Mpx	8.3 Mpx
Resolution	3840 x 2160 8.3 Mpx 4K UHD , 3200 x 1800 - 6 Mpx , 2688 x 1520 - 4 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	3840 x 2160 - 8.3 Mpx 4K UHD , 3200 x 1800 - 6 Mpx , 2688 x 1520 - 4 Mpx , 1920 x 1080 - 1080p 1280 x 720 - 720p
Lens	2.8 mm	4 mm
View angle	107 °	• 90 ° (manufacturer data) • 85 ° (our tests result)
White light LED illuminator range	...	40 m
Compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG	...
Range of IR illumination	80 m	40 m
Memory card slot	Micro SD memory cards up to 512GB 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
Alarm inputs / outputs	—	—
Audio	—	• Microphone built-in • Audio transmission via network • Compliance with the AAC standard • Noise and echo reduction
Main stream frame rate	• 25 fps @ 6 Mpx • 20 fps @ 8.3 Mpx	25 fps @ 8.3 Mpx
Network interface	10/100 Base-T (RJ-45)	10/100 Base-T (RJ-45)
WEB Server	Built-in	Built-in
Max. number of on-line users	6	6
ONVIF	✓	19.12
RS-485 interface	—	...
Mobile phones support	Port no.: 8000 or access by a cloud (P2P) • Android: Free application Hik-Connect • iOS: Free application Hik-Connect	Port no.: 8000 or access by a cloud (P2P) • Android: Free application Hik-Connect • iOS: Free application Hik-Connect
Default IP address	192.168.1.64	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	80
PC client access ports	Port no.: 8000 or access by a cloud (P2P) - iVMS-4200 application	Port no.: 8000 or access by a cloud (P2P) - iVMS-4200 application
Mobile client access ports	8000	8000
Port ONVIF	80	80
RTSP URL	• Main stream : rtsp://user:password@192.168.1.64:554/Streaming/Channels/101/ - with authorization • Sub stream : rtsp://user:password@192.168.1.64:554/Streaming/Channels/102/ - with authorization	• 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/

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Main features	<ul style="list-style-type: none"> • Camera from AcuSense series • WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • BLC/HLC - Back Light / High Light Compensation • ROI - improve the quality of selected parts of image • EXIR - high-efficiency infrared LEDs technology, which evenly covers the whole plan of both central vantage points of the scene as well as the corners • SVC (Scalable Video Coding) - technology enabling the transfer of several sub-streams of different quality within one stream • 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 • Anti-Flicker - The technology eliminates the tiring eyes flickering image effect • Configurable Privacy Zones • Possibility to change the resolution, quality and bit rate • Sharpness - sharper image outlines • Day/night mode • ICR - Movable InfraRed filter • Auto White Balance • AGC - Automatic Gain Control • Image rotation and mirror • Filtering of false alarms based on the recognition of persons and vehicles • Smart motion detection (with recognizing people and vehicles) • Intelligent image analysis : crossing the line (tripwire), intrusion - classification of people and vehicles, video tampering, face detection 	<ul style="list-style-type: none"> • 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 • WDR - 130 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • 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 - allows to connect memory resources directly to the computer network • BLC - Back Light Compensation • HLC - High Light Compensation (spot) • Auto White Balance • AGC - Automatic Gain Control • Possibility to change the resolution, quality and bit rate • Mirror - Mirror image • Configurable Privacy Zones • Sharpness - sharper image outlines • Smart motion detection (with recognizing people and vehicles) • Filtering of false alarms based on the recognition of persons and vehicles • Intelligent image analysis : crossing the line (tripwire), intrusion, scene changing, detection of entry into the area / exit from the area, face detection
Power supply	<ul style="list-style-type: none"> • PoE (802.3af), • 12 V DC / 670 mA 	<ul style="list-style-type: none"> • PoE (802.3af), • 12 V DC / 580 mA
Power consumption	<ul style="list-style-type: none"> • ≤ 12.5 W @ PoE (802.3af) • ≤ 11 W @ 12 V DC 	<ul style="list-style-type: none"> • ≤ 8.5 W @ PoE • ≤ 7 W @ 12 V DC
Vandal-proof	...	—
Housing	Compact, Aluminum alloy	Compact, Metal
Color	White + Black	White
"Index of Protection"	IP67	IP67
Operation temp	-30 °C ... 60 °C	-30 °C ... 60 °C
Weight	1.09 kg	0.52 kg
Supported languages	Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Finnish, French, Greek, Spanish, Dutch, Lithuanian, Latvian, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Ukrainian, Hungarian, 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, Ukrainian, Hungarian, Vietnamese, Italian
Dimensions	Ø 105 x 293 mm	234 x 120 x 117 mm
Manufacturer / Brand	Hikvision	Hikvision
SAP Code	311315988	311323640
Guarantee	3 years	3 years

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