





	IP Vandal Proof Camera DS-2CD2887G2HT-1L7S(2.8-12MM)E(FF) ColorVu - 8.3 Mpx 4K UHD MOTOZOOM Hikvision	IP CAMERA IPC2128SB-ADF28KMC-10 Tri-Guard - 8.3 Mpx 4K UHD 2.8 mm UNIVIEW	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP DVR DS-7108HQH(K1C)(S) 8 CHANNELS Hikvision	IP CAMERA DS-2CD287G2-L(4MM) ColorVu - 8.3 Mpx Hikvision
				
	751.55 EUR 751.55 EUR	289.21 EUR 289.21 EUR	141.86 EUR 141.86 EUR	690.83 EUR 690.83 EUR
Matrix size	8.3 Mpx	8.3 Mpx	...	...
Standard	TCP/IP	TCP/IP	AHD, HD-CVI, HD-TVI, CVBS, TCP/IP	IP
Video inputs	...	...	8 pcs BNC - AHD / HD-CVI / HD-TVI / CVBS	...
Video outputs	...	...	1 pcs HDMI 1 pcs VGA	...
Audio inputs	...	...	1 pcs CINCH, Coaxial audio - Audio from cameras	...
Audio outputs	...	...	1 pcs CINCH	...
Resolution	3840 x 2160 - 8.3 Mpx 4K UHD , 3200 x 1800 - 5.7 Mpx , 2688 x 1520 - 4 Mpx , 1920 x 1080 - 1080p 1280 x 720 - 720p	3840 x 2160 - 8.3 Mpx 4K UHD , 3072 x 1728 - 5.3 Mpx , 2560 x 1440 - 3.7 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
Sensor	1/1.8 " Progressive Scan CMOS	1/2.7 " Progressive Scan CMOS	...	1/1.2 " Progressive Scan CMOS
Lens	2.8 ... 12 mm Motozoom	2.8 mm	...	4 mm
View angle	112 ° ... 41 °	• 112 ° (manufacturer data) • 101 ° (our tests result)	...	88 °
S/N ratio	...	> 52 dB	...	...
RS-485 interface	...	—	...	...
Range of IR illumination	60 m	30 m	...	...
White light LED illuminator range	60 m	30 m	...	60 m
Memory card slot	Micro SD memory cards up to 512GB support (possible local recording)	Micro SD memory cards up to 256GB support (possible local recording)	...	Micro SD card support up to 512GB
Image compression method	H.265+ / H.265 / H.264+ / H.264 / MJPEG	Ultra 265 / H.265 / H.264 / MJPEG	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Audio	• External microphone input • Audio output • Bi-directional audio streaming support • Noise suppression and echo cancellation • Compliance with the AAC standard	• Microphone built-in • Speaker built-in • Audio detection • Bi-directional audio streaming support	...	—
Main stream frame rate	25 fps @ 8.3 Mpx	20 fps @ 8.3 Mpx 25 fps @ 5 Mpx	...	25 fps @ 8.3 Mpx
Intelligent image analysis	...	...	...	• Intrusion • face detection • scene changing • classification of people and vehicles • detection of entry into the area / exit from the area • crossing the line (tripwire)
WEB Server	Built-in	Built-in	...	Built-in, NVR compliance
Max. number of on-line users	6	32	...	6
ONVIF	✓	✓	...	✓
Image records resolutions	...	...	• HD-TVI : 4M-N - 1280 x 1440 , 3 Mpx - 1920 x 1536 - Channel 1 / 2 , 1080p - 1920 x 1080 , 1080N - 960 x 1080 , 720p - 1280 x 720 • AHD : 4M-N - 1280 x 1440 , 1080p - 1920 x 1080 , 1080N - 960 x 1080 , 720p - 1280 x 720 • HD-CVI : 4M-N - 1280 x 1440 , 1080p - 1920 x 1080 , 1080N - 960 x 1080 , 720p - 1280 x 720 , • CVBS : 960H - 960 x 576 , • IP : max. 6 Mpx - 3072 x 2048	...
Recording speed adjustment	...	...	6 Mpx IP @ 1 ... 25 fps 4M-N @ 1 ... 15 fps 3 Mpx @ 1 ... 15 fps 1080p @ 1 ... 15 fps 1080N @ 1 ... 25 fps 720p @ 1 ... 25 fps 960H @ 1 ... 25 fps D1 @ 1 ... 25 fps for each channel	...
Operation modes	...	...	8 x HD-TVI / AHD / HD-CVI / CVBS / IP + 4 x IP	...
Recording modes	...	...	Manual, Motion Detection, Schedule	...
Supported hard drives	...	...	1 x 6 TB SATA	...
External storage devices backup	Backup to USB drive (pendrive, external drive)	...

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Main features	<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 Motoczoom lens Possibility to turn off the LED illuminator WDR - 130 dB - Wide Dynamic Range 3D-DNR - Digital Noise Reduction ROI - improve the quality of selected parts of image BLC - Back Light Compensation HLC - High Light Compensation (spot) NAS - Network Attached Storage support - allows to connect memory resources directly to the computer network 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 Possibility to change the resolution, quality and bit rate Horizontal mirror image Configurable Privacy Zones Sharpness - sharper image outlines Video tampering Smart motion detection (with recognizing people and vehicles) Intelligent image analysis : crossing the line (tripwire), intrusion, detection of entry into the area / exit from the area - classification of people and vehicles, scene changing, face detection 	<ul style="list-style-type: none"> 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 Active deterrence function Light and sound alarm 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 Mirror - Mirror image Privacy zones - max. 4 Motion detection with human/vehicle silhouette recognition Sharpness - sharper image outlines 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 		<ul style="list-style-type: none"> WDR - 130 dB - Wide Dynamic Range 3D-DNR - Digital Noise Reduction ROI - improve the quality of selected parts of image Anti-Flicker - The technology eliminates the tiring eyes flickering image effect 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 SVC (Scalable Video Coding) - technology enabling the transfer of several sub-streams of different quality within one stream BLC/HLC - Back Light / High Light Compensation Auto White Balance AGC - Automatic Gain Control Sharpness - sharper image outlines Configurable Privacy Zones Smart motion detection (with recognizing people and vehicles) Filtering of false alarms based on the recognition of persons and vehicles Possibility to turn off the LED illuminator
Searching and playback the records	...	...	Records searching: timeline or file list. Playback: forward, fast, slow. Playback max. 8 cameras in the same time	...
Network interface	10/100 Base-T (RJ-45)	10/100 Base-T (RJ-45)	1 x RJ-45 - 10/100 Base-TX	10/100 Base-T (RJ-45)
Bitrate	...	...	32 ... 6144 kbps	...
Power consumption	<ul style="list-style-type: none"> ≤ 18 W @ PoE ≤ 14.5 W @ 12 V DC 	≤ 10.5 W	...	<ul style="list-style-type: none"> ≤ 9.5 W @ PoE (802.3af) ≤ 8.5 W @ 12 V DC
Network functions	...	...	Network Client Software and IE browser: live view, playback and backup of the records, partial configuration of the recorder parameters	...
Housing	Compact, Metal	Compact, Metal + Plastic	...	Compact, Aluminum
"Index of Protection"	IP67	IP67	...	IP67
Vandal-proof	IK10	---	...	---
Operation temp	-30 °C ... 60 °C	-30 °C ... 60 °C	...	-30 °C ... 60 °C
Network protocols	...	IPv4/IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP PPPoE, RTP, RTSP, RTCP, RTPM, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, IEEE 802.1x, SNMP, QoS, SSL/TLS, SSH	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP, HTTPS, ONVIF	...
Mobile phones support	<ul style="list-style-type: none"> Port no.: 8000 or access by a cloud (P2P) Android: Free application Hik-Connect iOS: Free application Hik-Connect 	<ul style="list-style-type: none"> Access by a cloud (P2P) Android: Free application EZView iOS (iPhone): Free application EZView 	<ul style="list-style-type: none"> Port no.: 8000 or access by a cloud (P2P) Android: Free application Hik-Connect iOS: Free application Hik-Connect 	<ul style="list-style-type: none"> Port no.: 8000 or access by a cloud (P2P) Android: Free application Hik-Connect iOS: Free application Hik-Connect
Default admin user / password	admin / - The administrator password should be set at the first start	admin / 123456	admin / -	admin / - The administrator password should be set at the first start
Default IP address	192.168.1.64	DHCP or 192.168.1.13	DHCP or 192.168.1.64	192.168.1.64
Web browser access ports	80	80, 554	80	80
PC client access ports	Port no.: 8000 or access by a cloud (P2P) - iVMS-4200 application	Port no.: 80 or access by a cloud (P2P) - PC: Free application EZStation	554 RTSP, 8000	Port no.: 8000 or access by a cloud (P2P) - iVMS-4200 application
Mobile client access ports	8000	80	8000	8000
Port ONVIF	80	80	80	80
RTSP URL	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> rtsp://192.168.1.13:554/unicast/c1/s0/live Main stream rtsp://192.168.1.13:554/unicast/c1/s1/live Sub stream 	<ul style="list-style-type: none"> rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no01 Main stream rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no02 Sub stream 	<ul style="list-style-type: none"> 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
Alarm inputs / outputs	1 / 1	---	---	---
PTZ control	---	---	Control compatible with coax HD-TVI Hikvision	---
Motion Detection	...	...	Split the screen into zones : 22 x 18 motion zones	...
USB	...	...	2 pcs USB 2.0	...
Mouse support	...	...	✓	...
IR remote controller in the set	...	...	---	...
Power supply	<ul style="list-style-type: none"> PoE (802.3af), 12 V DC / 1.2 A 	<ul style="list-style-type: none"> PoE (802.3af), 12 V DC / 880 mA 	12 V DC / 1.5 A (power adapter included)	<ul style="list-style-type: none"> PoE (802.3af), 12 V DC / 700 mA
Color	White	White	White	White
Weight	1.52 kg	0.41 kg	0.5 kg	1.18 kg
Dimensions	298 x 98 x 96 mm	191 75 x 74 mm	210 x 200 x 48 mm	Ø 105 x 290 mm
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, Hungarian, Italian	Polish, English, Czech, Spanish, French, German, Portuguese, Slovak, Hungarian, Italian	Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Greek, Spanish, Dutch, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, 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, Italian
Manufacturer / Brand	Hikvision	Hikvision	Hikvision	Hikvision
SAP Code	311323998	...	300226918	311314691
Guarantee	3 years	3 years	3 years	3 years

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