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| | IP CAMERA DS-2CD2086G2-I(2.8MM)(C) ACUSENSE - 8.3 Mpx Hikvision | IP CAMERA DS-2CD2T83G2-4I(2.8MM) ACUSENSE 8.3 Mpx 4K UHD Hikvision |
| |  |  |
| | 298.10 GBP 298.10 GBP | 306.82 GBP 306.82 GBP |
| Standard | TCP/IP | TCP/IP |
| Sensor | 1/1.8 " Progressive Scan CMOS | 1/2.8 " Progressive Scan CMOS |
| Scanning system | Progressive | ... |
| Matrix size | 8.3 Mpx | 8.3 Mpx |
| Resolution | 3840 x 2160 - 8.3 Mpx , 3200 x 1800 - 5 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 | 2.8 mm |
| View angle | • 111 ° (manufacturer data) • 106 ° (our tests result) | 107 ° |
| Compression | H.265+ / H.265 / H.264+ / H.264 / MJPEG | H.265+ / H.265 / H.264+ / H.264 / MJPEG |
| Range of IR illumination | 40 m | 80 m |
| Alarm inputs / outputs | — | — |
| Audio | — | — |
| 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) |
| Main stream frame rate | 25 fps @ 8.3 Mpx | • 25 fps @ 6 Mpx • 20 fps @ 8.3 Mpx |
| Network interface | 10/100 Base-T (RJ-45) | 10/100 Base-T (RJ-45) |
| Network protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, IEEE 802.1x, QoS, IPv4, IPv6, UDP, Bonjour, SSL / TLS, PPPoE, SNMP, ARP | ... |
| WEB Server | Built-in | Built-in |
| Max. number of on-line users | 6 | 6 |
| ONVIF | 18.12 | ✓ |
| 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/ • Sub stream : rtsp://user:password@192.168.1.64:554/Streaming/Channels/102/ | • 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 |
| RS-485 interface | — | — |

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| Main features | <ul style="list-style-type: none"> • 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 • 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 • Anti-Flicker - The technology eliminates the tiring eyes flickering image effect • Possibility to change the resolution, quality and bit rate • ICR - Movable InfraRed filter • Configurable Privacy Zones • Motion Detection • Mirror - Mirror image • Filtering of false alarms based on the recognition of persons 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, advanced face capture 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 |
| Power supply | <ul style="list-style-type: none"> • PoE (802.3af), • 12 V DC / 500 mA | <ul style="list-style-type: none"> • PoE (802.3af), • 12 V DC / 670 mA |
| Power consumption | <ul style="list-style-type: none"> • ≤ 7.2 W @ PoE (802.3af) • ≤ 6 W @ 12 V DC | <ul style="list-style-type: none"> • ≤ 12.5 W @ PoE (802.3af) • ≤ 11 W @ 12 V DC |
| Housing | Compact, Metal | Compact, Aluminum alloy |
| Color | White | White + Black |
| "Index of Protection" | IP67 | IP67 |
| Operation temp | -30 °C ... 60 °C | -30 °C ... 60 °C |
| 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, Vietnamese, 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 |
| Weight | 0.48 kg | 1.09 kg |
| Dimensions | Ø 70 x 162 mm | Ø 105 x 293 mm |
| Manufacturer / Brand | Hikvision | Hikvision |
| SAP Code | 311315446 | 311315988 |
| Guarantee | 3 years | 3 years |