

Code: DS-2CD2146G1-I(2.8MM)

## IP VANDALPROOF CAMERA **DS-2CD2146G1-I(2.8MM)** - 4 Mpx Hikvision

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 2688 x 1520 (4.0 MPx).

PoE powering possibility, compatible with the 802.3af standard makes the device more universal and easier to install.

Powered by Darkfighter - the camera has very good sensitivity, dedicated to poor lighting conditions.



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| Standard:                 | TCP/IP                                                                                                           |
| Sensor:                   | 1/2.7 " Progressive Scan CMOS                                                                                    |
| Matrix size:              | 4 Mpx                                                                                                            |
| Scanning system:          | Progressive                                                                                                      |
| Resolution:               | 2688 x 1520 - 4 Mpx ,<br>1920 x 1080 - 1080p ,<br>1280 x 720 - 720p                                              |
| Lens:                     | 2.8 mm                                                                                                           |
| View angle:               | <ul style="list-style-type: none"> <li>• 104 ° (manufacturer data)</li> <li>• 96 ° (our tests result)</li> </ul> |
| Range of IR illumination: | 30 m                                                                                                             |
| S/N ratio:                | > 50 dB                                                                                                          |
| RS-485 interface:         | —                                                                                                                |
| Image compression method: | H.265 / H.264 / MJPEG                                                                                            |
| Alarm inputs / outputs:   | —                                                                                                                |
| Audio:                    | —                                                                                                                |



# DATA SHEET

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| Memory card slot:              | Micro SD memory cards up to 128GB support (possible local recording)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Bitrate:                       | 256 ... 16384 kbps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Main stream frame rate:        | 25 fps @ 4 Mpx                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Network interface:             | 10/100 Base-T (RJ-45)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Network protocols:             | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, IEEE 802.1x, QoS, IPv6, UDP, Bonjour                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| WEB Server:                    | Built-in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Max. number of on-line users:  | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ONVIF:                         | 16.12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Mobile phones support:         | Port no.: 8000 or access by a cloud (P2P)<br>• Android: Free application <a href="#">iVMS-4500</a> or <a href="#">Hik-Connect</a><br>• iOS (iPhone): Free application <a href="#">iVMS-4500</a> or <a href="#">Hik-Connect</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Default admin user / password: | admin / -<br>The administrator password should be set at the first start                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Default IP address:            | 192.168.1.64                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Web browser access ports:      | 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| PC client access ports:        | Port no.: 8000 or access by a cloud (P2P) - iVMS-4200 application                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Mobile client access ports:    | 8000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Port ONVIF:                    | 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| RTSP URL:                      | • Main stream<br>rtsp://192.168.1.64:554/Streaming/Channels/101/ - RTSP - without authorization<br>rtsp://user:password@192.168.1.64:554/Streaming/Channels/101/ - with authorization<br>• Sub stream<br>rtsp://192.168.1.64:554/Streaming/Channels/102/ - RTSP - without authorization<br>rtsp://user:password@192.168.1.64:554/Streaming/Channels/102/ - with authorization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Main features:                 | • WDR - 120 dB - Wide Dynamic Range<br>• 3D-DNR - Digital Noise Reduction<br>• ROI - improve the quality of selected parts of image<br>• 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<br>• BLC/HLC - Back Light / High Light Compensation<br>• RESET button<br>• Possibility to change the resolution, quality and bit rate<br>• Configurable Privacy Zones<br>• Mirror - Mirror image<br>• Sharpness - sharper image outlines<br>• Motion Detection<br>• Anti-Flicker - The technology eliminates the tiring eyes flickering image effect<br>• Camera from AcuSense series<br>• Filtering of false alarms based on the recognition of persons and vehicles<br>• Image analysis : intrusion, crossing the line (tripwire), detection of entry into the area / exit from the area, scene changing |
| Power supply:                  | • PoE (802.3af),<br>• 12 V DC / 710 mA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Power consumption:             | ≤ 8.5 W @ 12 V DC<br>≤ 10 W @ PoE (802.3af)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

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| Housing:               | Dome, Metal                                                                                                                                                                                                                                                |
| Vandal-proof:          | IK10                                                                                                                                                                                                                                                       |
| "Index of Protection": | IP67                                                                                                                                                                                                                                                       |
| Color:                 | White                                                                                                                                                                                                                                                      |
| Operation temp:        | -30 °C ... 50 °C                                                                                                                                                                                                                                           |
| Weight:                | 0.59 kg                                                                                                                                                                                                                                                    |
| Dimensions:            | Ø 121 x 92 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, Vietnamese, Italian |
| Manufacturer / Brand:  | Hikvision                                                                                                                                                                                                                                                  |
| SAP Code:              | 311306759                                                                                                                                                                                                                                                  |
| Guarantee:             | <b>3 years</b>                                                                                                                                                                                                                                             |