

Code: DS-2CD1043G2-LIU(4MM)

## IP CAMERA **DS-2CD1043G2-LIU(4MM)** Smart Hybrid Light - 3.7 Mpx Hikvision

IP camera with efficient H.265 / H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 4 MPx.

PoE powering possibility, compatible with the 802.3af standard makes the device more universal and easier to install. Camera is according to IP67 Index of Protection norm.

The device is equipped with Smart Hybrid Light technology, thanks to which the user has a choice of white light mode and IR (infrared) mode. When Smart Hybrid Light is active, the white light will turn on automatically only when an object is detected in the monitored area, which effectively improves the image quality.



|                                    |                                                                                                                                                                                                   |
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| Standard:                          | TCP/IP                                                                                                                                                                                            |
| Sensor:                            | 1/3 " Progressive Scan CMOS                                                                                                                                                                       |
| Matrix size:                       | 4 Mpx                                                                                                                                                                                             |
| Resolution:                        | 2560 x 1440 - 3.7 Mpx ,<br>1920 x 1080 - 1080p ,<br>1280 x 720 - 720p                                                                                                                             |
| Lens:                              | 4 mm                                                                                                                                                                                              |
| View angle:                        | <ul style="list-style-type: none"> <li>• 78 ° (manufacturer data)</li> <li>• 76 ° (our tests result)</li> </ul>                                                                                   |
| White light LED illuminator range: | 30 m                                                                                                                                                                                              |
| Range of IR illumination:          | 30 m                                                                                                                                                                                              |
| Memory card slot:                  | —                                                                                                                                                                                                 |
| Image compression method:          | H.265+ / H.265 / H.264+ / H.264 / MJPEG                                                                                                                                                           |
| Alarm inputs / outputs:            | —                                                                                                                                                                                                 |
| Audio:                             | <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> |



# DATA SHEET

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| Main stream frame rate:        | <ul style="list-style-type: none"><li>• 20 fps @ 3.7 Mpx</li><li>• 25 fps @ 1080p</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Network interface:             | 10/100 Base-T (RJ-45)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| WEB Server:                    | Built-in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Max. number of on-line users:  | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| ONVIF:                         | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Main features:                 | <ul style="list-style-type: none"><li>• Smart Hybrid Light 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>• WDR - 120 dB - Wide Dynamic Range</li><li>• 3D-DNR - Digital Noise Reduction</li><li>• ROI - improve the quality of selected parts of image</li><li>• Anti-Flicker - The technology eliminates the tiring eyes flickering image effect</li><li>• BLC - Back Light Compensation</li><li>• HLC - High Light Compensation (spot)</li><li>• Auto White Balance</li><li>• AGC - Automatic Gain Control</li><li>• Possibility to change the resolution, quality and bit rate</li><li>• Mirror - Mirror image</li><li>• Configurable Privacy Zones</li><li>• Sharpness - sharper image outlines</li><li>• Smart motion detection (with recognizing people and vehicles)</li></ul> |
| Mobile phones support:         | Port no.: 8000 or access by a cloud (P2P) <ul style="list-style-type: none"><li>• Android: Free application <a href="#">Hik-Connect</a></li><li>• iOS: Free application <a href="#">Hik-Connect</a></li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Default IP address:            | 192.168.1.64                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Default admin user / password: | admin / -<br>The administrator password should be set at the first start                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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:                      | <ul style="list-style-type: none"><li>• Main stream : rtsp://user:password@192.168.1.64:554/Streaming/Channels/101/</li><li>• Sub stream : rtsp://user:password@192.168.1.64:554/Streaming/Channels/102/</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Power supply:                  | <ul style="list-style-type: none"><li>• PoE (802.3af),</li><li>• 12 V DC / 420 mA</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Power consumption:             | <ul style="list-style-type: none"><li>• ≤ 6.5 W @ PoE</li><li>• ≤ 5 W @ 12 V DC</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Housing:                       | Compact - Metal + Plastic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Color:                         | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| "Index of Protection":         | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Vandal-proof:                  | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Operation temp:                | -30 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Weight:                        | 0.28 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Dimensions:                    | 171 x 66 x 69 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |



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| Supported languages:  | Polish, English, Croatian, Czech, Romanian, Serbian, Slovak, Slovenian, Turkish, Ukrainian, Vietnamese |
| Manufacturer / Brand: | Hikvision                                                                                              |
| SAP Code:             | 311322029                                                                                              |
| Guarantee:            | <b>3 years</b>                                                                                         |