

Code: DS-2CD2T83G2-4LI(2.8MM)

## IP CAMERA **DS-2CD2T83G2-4LI(2.8MM)** Smart Hybrid Light AcuSense - 8.3 Mpx, 4K UHD Hikvision

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 8.3 MPx, 4K UHD.

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.

Camera from AcuSense series. 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.



|                                    |   |
|------------------------------------|---|
| Standard:                          | IP  |
| Resolution:                        | 3840 x 2160 - 8.3 Mpx, 4K UHD ,<br>3200 x 1800 - 5.8 Mpx ,<br>2688 x 1520 - 4 Mpx ,<br>1920 x 1080 - 1080p<br>1280 x 720 - 720p |
| Sensor:                            | 1/2.8 " Progressive Scan CMOS   |
| Lens:                              | 2.8 mm  |
| View angle:                        | 108 °   |
| White light LED illuminator range: | 80 m  |
| Range of IR illumination:          | 80 m  |
| Memory card slot:                  | Micro SD card support up to 512GB   |
| Image compression method:          | H.265+ / H.265 / H.264+ / H.264 / MJPEG   |
| Alarm inputs / outputs:            | —   |
| Audio:                             | —   |
| Main stream frame rate:            | 20 fps @ 8.3 Mpx  |
| Interface:                         | 10/100 Base-T (RJ-45)   |



# DATA SHEET

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|--------------------------------|--|
| WEB Server:                    | Built-in   |
| Max. number of on-line users:  | 6  |
| ONVIF:                         | ✓  |
| Intelligent Image Analysis:    | <ul style="list-style-type: none"><li>• crossing the line (tripwire)</li><li>• intrusion</li><li>• classification of people and vehicles</li></ul>   |
| Main features:                 | <ul style="list-style-type: none"><li>• Camera from AcuSense series</li><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>• 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</li><li>• NAS - Network Attached Storage support - allows to connect memory resources directly to the computer network</li><li>• SVC (Scalable Video Coding) - technology enabling the transfer of several sub-streams of different quality within one stream</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><li>• Filtering of false alarms based on the recognition of persons and vehicles</li></ul> |
| Mobile phones support:         | Port no.: 8000 or access by a cloud (P2P) <ul style="list-style-type: none"><li>• Android: <a href="#">Hik-Connect</a> free application</li><li>• iOS: <a href="#">Hik-Connect</a> free application</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 / 880 mA</li></ul>  |
| Power consumption:             | <ul style="list-style-type: none"><li>• ≤ 12 W @ PoE</li><li>• ≤ 10.5 W @ 12 V DC</li></ul>  |
| Housing:                       | Compact, Metal   |
| Color:                         | White  |
| "Index of Protection":         | IP67   |
| Mechanical protection class:   | —  |



# DATA SHEET

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| Operation temp:       | -30 °C ... 60 °C  |
| Weight:               | 1.12 kg   |
| Dimensions:           | 286 x 93 x 89 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, Ukrainian, Hungarian, Vietnamese, Italian |
| Manufacturer / Brand: | Hikvision   |
| SAP Code:             | 311326168   |
| Guarantee:            | <b>3 years</b>  |