

Code: DS-2CD2743G0-IZS(2.8-12mm)

## IP VANDALPROOF CAMERA **DS-2CD2743G0-IZS(2.8-12mm)** - 4 Mpx

Hikvision

Net: **416.57 EUR** Gross: **512.38 EUR**



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). Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition.

The range of IR illumination according to the manufacturer data, depends on outer conditions (visibility - air transparency, environment, wall colors ie. scene reflectance).

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.

### SPECIFICATION

|                           |   |
|---------------------------|---|
| Standard:                 | TCP/IP  |
| Sensor:                   | 1/3 " Progressive Scan CMOS   |
| Matrix size:              | 4 Mpx   |
| Resolution:               | 2688 x 1520 - 4 Mpx ,<br>2560 x 1440 - 3.7 Mpx ,<br>2304 x 1296 - 3 Mpx ,<br>1920 x 1080 - 1080p  |
| Lens:                     | 2.8 ... 12 mm - <b>Motozoom</b>   |
| View angle:               | <ul style="list-style-type: none"><li>• 104 ° ... 29 ° (manufacturer data)</li><li>• 95 ° ... 30 ° (our tests result)</li></ul>                     |
| Range of IR illumination: | 30 m  |
| RS-485 interface:         | —   |
| Memory card slot:         | Micro SD memory cards up to 128GB support (possible local recording)  |
| Image compression method: | H.265+ / H.265 / H.264+ / H.264 / MJPEG   |
| Alarm inputs / outputs:   | 1 / 1   |
| Audio:                    | <ul style="list-style-type: none"><li>• External microphone input</li><li>• Audio output</li><li>• Bi-directional audio streaming support</li></ul> |
| Bitrate:                  | 32 ... 16384 kbps   |
| Network interface:        | 10/100 Base-T (RJ-45)   |

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|                                |   |
|--------------------------------|---|
| 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, Web Viewer  |
| Max. number of on-line users:  | 6   |
| ONVIF:                         | 16.12   |
| Mobile phones support:         | Port no.: 8000 or access by a cloud (P2P)<br><ul style="list-style-type: none"> <li>• Android: Free application <a href="#">iVMS-4500</a> or <a href="#">Hik-Connect</a></li> <li>• iOS (iPhone): Free application <a href="#">iVMS-4500</a> or <a href="#">Hik-Connect</a></li> </ul>  |
| 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:                      | <ul style="list-style-type: none"> <li>• 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</li> <li>• 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</li> </ul>   |
| Main stream frame rate:        | 25 fps @ 4 Mpx  |
| Main features:                 | <ul style="list-style-type: none"> <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>• ICR - Movable InfraRed filter</li> <li>• BLC/HLC - Back Light / High Light Compensation</li> <li>• Anti-Flicker - The technology eliminates the tiring eyes flickering image effect</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>• 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</li> <li>• Mirror - Mirror image</li> <li>• Day/Night mode (color/b&amp;w/auto)</li> <li>• Configurable Privacy Zones</li> <li>• Motion Detection</li> <li>• Sharpness - sharper image outlines</li> <li>• Intelligent Image Analysis : intrusion, crossing the line (tripwire), face detection</li> </ul> |
| Power supply:                  | <ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 12 V DC / 830 mA</li> </ul>  |
| Power consumption:             | <ul style="list-style-type: none"> <li>≤ 12 W @ PoE (802.3af)</li> <li>≤ 10 W @ 12 V DC</li> </ul>  |
| Housing:                       | Dome - Metal  |
| Color:                         | White   |
| "Index of Protection":         | IP67  |
| Vandal-proof:                  | IK10  |
| Operation temp:                | -30 °C ... 60 °C  |
| Weight:                        | 1.33 kg   |
| Dimensions:                    | Ø 153 x 133 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  |
| Manufacturer / Brand:          | Hikvision   |



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|            |                |
|------------|----------------|
| SAP Code:  | 311307338      |
| Guarantee: | <b>3 years</b> |

## PRESENTATION

Camera view after remove the Dome cover:

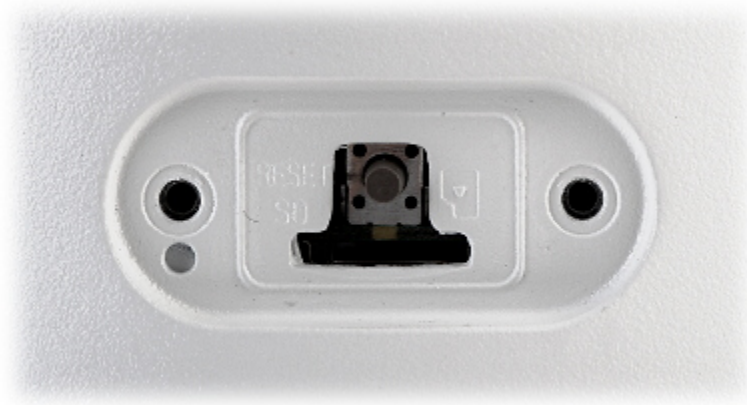


CVBS, SPOT output:



Memory card slot:





Mounting side view:



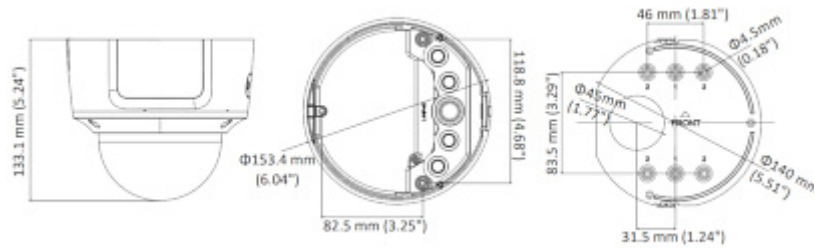
Bottom view (after remove the cover):



Camera connectors:



Dimensions:



In the kit:

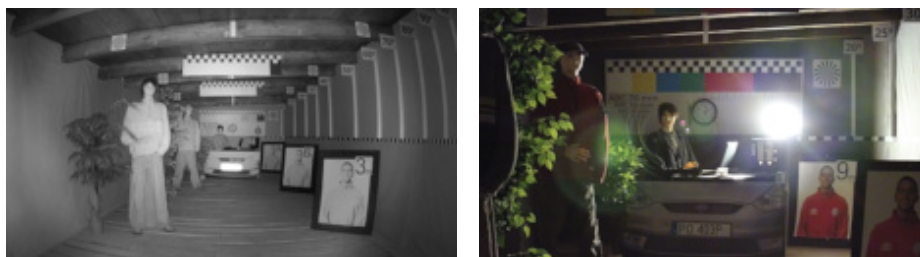


## OUR TESTS

Camera image at artificial illumination (about 30Lux):



Camera image at night conditions with internal built-in IR illuminator on:



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Camera image at direct strong light opposite to camera:

