

Code: DS-2CD4585F-IZH(2.8-12MM)

## IP VANDALPROOF CAMERA **DS-2CD4585F-IZH(2.8-12MM)** - 8.8 Mpx Hikvision

IP camera with efficient H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 4K (8.8 Mpx). Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition. The used motozoom lens with 2.8 ... 12 mm focal length allows to remote view angle adjustment.

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 802.3at standard makes the device more universal and easier to install.



|                           |                                                                                                                                                                                    |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                 | TCP/IP                                                                                                                                                                             |
| Sensor:                   | 1/1.7 " Progressive Scan CMOS                                                                                                                                                      |
| Matrix size:              | 8.8 Mpx                                                                                                                                                                            |
| Resolution:               | 4096 x 2160 - 8.8 Mpx ,<br>3840 x 2160 - 8.3 Mpx, 4K UHD ,<br>1920 x 1080 - 1080p<br>1280 x 720 - 720p                                                                             |
| Lens:                     | 2.8 ... 12 mm - Motozoom                                                                                                                                                           |
| View angle:               | 96 ° ... 33 °                                                                                                                                                                      |
| Range of IR illumination: | 40 m                                                                                                                                                                               |
| RS-485 interface:         | ✓                                                                                                                                                                                  |
| Memory card slot:         | Micro SD memory cards up to 128GB support (possible local recording)                                                                                                               |
| Image compression method: | 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> <li>• Audio detection</li> </ul> |
| Bitrate:                  | 32 kbps ... 16384 kbps @ H.264                                                                                                                                                     |



# DATA SHEET

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| Network interface:             | 10/100/1000 Base-T (RJ-45)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Network protocols:             | TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, IEEE 802.1x, QoS, IPv6, Bonjour                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| WEB Server:                    | Built-in, Web Viewer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Max. number of on-line users:  | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| ONVIF:                         | 2.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Main stream frame rate:        | 22 fps @ 8.8 Mpx<br>25 fps @ 8.3 Mpx                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 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:                      | <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 features:                 | <ul style="list-style-type: none"><li>• Motozoom lens</li><li>• 3D-DNR - Digital Noise Reduction</li><li>• ROI - improve the quality of selected parts of image</li><li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</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>• D-WDR - Wide Dynamic Range</li><li>• IP addresses filtering</li><li>• ICR - Movable InfraRed filter</li><li>• WB - White Balance (ATW/AWB/manual/indoor/outdoor)</li><li>• BLC/HLC - Back Light / High Light Compensation</li><li>• Motion Detection</li><li>• Heat map - the selection in the image by corresponding colors the areas with different traffic</li><li>• Intelligent Image Analysis : crossing the line (tripwire), intrusion, abandoned/missing object, detection of entry into the area / exit from the area, scene changing, face detection, people counting</li><li>• Sharpness - sharper image outlines</li><li>• RESET button</li><li>• The device has a built-in heater</li></ul> |
| Power supply:                  | <ul style="list-style-type: none"><li>• PoE (802.3at),</li><li>• 12 V DC / 1.4 A,</li><li>• 24 V AC / 1 A</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Power consumption:             | ≤ 17 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |



## DATA SHEET

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| Housing:               | Dome - Metal                                                                                                                                                                                                                                                        |
| Color:                 | White                                                                                                                                                                                                                                                               |
| Vandal-proof:          | IK10                                                                                                                                                                                                                                                                |
| "Index of Protection": | IP66                                                                                                                                                                                                                                                                |
| Operation temp:        | -40 °C ... 60 °C                                                                                                                                                                                                                                                    |
| Weight:                | 1.38 kg                                                                                                                                                                                                                                                             |
| Dimensions:            | Ø 165 x 127 mm                                                                                                                                                                                                                                                      |
| Supported languages:   | Polish, English, Bulgarian, Chinese, Croatian, Czech, Danish, Estonian, Finnish, French, Greek, Spanish, Dutch, Lithuanian, Latvian, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Vietnamese, Italian |
| SAP Code:              | 300807543                                                                                                                                                                                                                                                           |
| Manufacturer / Brand:  | Hikvision                                                                                                                                                                                                                                                           |
| Guarantee:             | <b>3 years</b>                                                                                                                                                                                                                                                      |