

Code: DS-2CD2145FWD-I(2.8mm)

## IP VANDALPROOF CAMERA **DS-2CD2145FWD-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.



|                           |                                                                                                                   |
|---------------------------|-------------------------------------------------------------------------------------------------------------------|
| Standard:                 | TCP/IP                                                                                                            |
| Sensor:                   | 1/2.5 " Progressive Scan CMOS                                                                                     |
| Matrix size:              | 4 Mpx                                                                                                             |
| Scanning system:          | Progressive                                                                                                       |
| Resolution:               | 2688 x 1520 - 4 Mpx ,<br>2304 x 1296 - 3 Mpx ,<br>1920 x 1080 - 1080p ,<br>1280 x 720 - 720p                      |
| Lens:                     | 2.8 mm                                                                                                            |
| View angle:               | <ul style="list-style-type: none"> <li>• 109 ° (manufacturer data)</li> <li>• 102 ° (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.265 / H.264+ / H.264 / MJPEG                                                                           |
| Alarm inputs / outputs:   | —                                                                                                                 |
| Audio:                    | —                                                                                                                 |
| Memory card slot:         | Micro SD memory cards up to 128GB support (possible local recording)                                              |



# DATA SHEET

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| Bitrate:                       | 32 ... 16384 kbps - H.264                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Main stream frame rate:        | 25 fps @ 4.0 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, Bonjour                                                                                                                                                                                                                                                                                                                         |
| WEB Server:                    | Built-in                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Max. number of on-line users:  | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| ONVIF:                         | 18.6                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 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 / -                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 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:                 | • 3D-DNR - Digital Noise Reduction<br>• WDR - 120 dB - Wide Dynamic Range<br>• ROI - improve the quality of selected parts of image<br>• BLC - Back Light Compensation<br>• RESET button<br>• Possibility to change the resolution, quality and bit rate<br>• Image analysis : Motion Detection, intrusion, crossing the line (tripwire), abandoned/missing object, scene changing, face detection<br>• Configurable Privacy Zones<br>• Mirror - Mirror image |
| Power supply:                  | • PoE (802.3af),<br>• 12 V DC / 460 mA                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Power consumption:             | ≤ 5.5 W                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Housing:                       | Dome, Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Vandal-proof:                  | IK10                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| "Index of Protection":         | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Color:                         | White                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Operation temp:                | -30 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Weight:                        | 0.55 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                       |



## DATA SHEET

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| Dimensions:           | Ø 111 x 82 mm                                                                                                                                                                                                                                                                         |
| Supported languages:  | English, Bulgarian, Chinese, Croatian, Czech, Danish, Estonian, Finnish, French, Greek, Spanish, Dutch, Japanese, Korean, Lithuanian, Latvian, German, Norwegian, Polish, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Vietnamese, Italian |
| Manufacturer / Brand: | Hikvision                                                                                                                                                                                                                                                                             |
| SAP Code:             | 311303838                                                                                                                                                                                                                                                                             |
| Guarantee:            | <b>3 years</b>                                                                                                                                                                                                                                                                        |