

Code: DS-2CD2685FWD-IZS(2.8-12mm)(B)

## IP VANDALPROOF CAMERA **DS-2CD2685FWD-IZS(2.8-12mm)(B)** - 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 3840 x 2160 (8.3 MPx). Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition.

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.

Camera is according to IP67 Index of Protection norm.



Standard:	TCP/IP
Sensor:	1/2 " Progressive Scan CMOS
Matrix size:	8.3 Mpx
Resolution:	3820 x 2160 - 8.3 Mpx - 4K UHD , 3072 x 1728 - 5.3 Mpx , 2560 x 1440 - 3.7 Mpx , 1920 x 1080 - 1080p 1280 x 720 - 720p
Lens:	2.8 ... 12 mm - Motozoom
View angle:	<ul style="list-style-type: none"> <li>• 112 ° ... 46 ° (manufacturer data)</li> <li>• 103 ° ... 46 ° (our tests result)</li> </ul>
Compression:	H.265+ / H.265 / H.264+ / H.264 / MJPEG
S/N ratio:	> 50 dB
Range of IR illumination:	50 m
Alarm inputs / outputs:	1 / 1
Bitrate:	32 ... 16384 kbps
Main stream frame rate:	<ul style="list-style-type: none"> <li>• 20 fps - 8.3 Mpx</li> <li>• 25 fps - 5.3 Mpx</li> </ul>
Network interface:	10/100 Base-T (RJ-45)



# DATA SHEET

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
Audio:	<ul style="list-style-type: none"><li>• External microphone input</li><li>• Audio output</li><li>• Bi-directional audio streaming support</li></ul>
WEB Server:	Built-in, NVR compliance
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)
Max. number of on-line users:	6
ONVIF:	16.12
Mobile phones support:	Port no.: 80 or access by a cloud (P2P) <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 IP address:	192.168.1.64
Default admin user / password:	admin / -
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://192.168.1.64:554/Streaming/Channels/101/ - RTSP - without authorization rtsp://user:password@192.168.1.64:554/Streaming/Channels/101/ - with authorization</li><li>• Sub stream rtsp://192.168.1.64:554/Streaming/Channels/102/ - RTSP - without authorization rtsp://user:password@192.168.1.64:554/Streaming/Channels/102/ - with authorization</li></ul>
RS-485 interface:	—
Main features:	<ul style="list-style-type: none"><li>• WDR - 120 dB - Wide Dynamic Range</li><li>• 3D-DNR - Digital Noise Reduction</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>• ROI - improve the quality of selected parts of image</li><li>• BLC - Back Light Compensation</li><li>• Intelligent image analysis, intrusion, crossing the line (tripwire), abandoned/missing object, scene changing, face detection</li><li>• ICR - Movable InfraRed filter</li><li>• Mirror - Mirror image</li><li>• Auto White Balance</li><li>• Motion Detection</li><li>• Configurable Privacy Zones</li><li>• Sharpness - sharper image outlines</li></ul>
Power supply:	<ul style="list-style-type: none"><li>• PoE (802.3af),</li><li>• 12 V DC / 1210 mA</li></ul>
Power consumption:	<ul style="list-style-type: none"><li>≤ 18 W @ PoE (802.3af)</li><li>≤ 14.5 W @ 12 V DC</li></ul>
Housing:	Compact, Metal
Color:	White



# DATA SHEET

"Index of Protection":	IP67
Vandal-proof:	IK10
Operation temp:	-30 °C ... 60 °C
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, Vietnamese, Italian
Weight:	1.73 kg
Dimensions:	Ø 144 x 333 mm
Manufacturer / Brand:	Hikvision
SAP Code:	311306731
Guarantee:	<b>3 years</b>

