

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

IP CAMERA **DS-2CD2685FWD-IZS(2.8-12mm)** - 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 802.3at standard makes the device more universal and easier to install.

Camera is according to IP67 Index of Protection norm.



Standard:	TCP/IP
Sensor:	1/2.5 " 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:	• 115 ° ... 35 ° (manufacturer data) • 106 ° ... 34 ° (our tests result)
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:	• 20 fps - 8.3 Mpx • 25 fps - 5.3 Mpx
Network interface:	10/100 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



DATA SHEET

Audio:	• External microphone input • Audio output • Bi-directional audio streaming support
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) • Android: Free application iVMS-4500 or Hik-Connect • iOS (iPhone): Free application iVMS-4500, or Hik-Connect
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:	• 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 • 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
RS-485 interface:	—
Main features:	• WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • 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 • ROI - improve the quality of selected parts of image • Intelligent Image Analysis, intrusion, crossing the line (tripwire), abandoned/missing object, face detection • ICR - Movable InfraRed filter • BLC - Back Light Compensation • 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 • Mirror - Mirror image • Auto White Balance • Motion Detection • Configurable Privacy Zones • Sharpness - sharper image outlines
Power supply:	• PoE (802.3at), • 12 V DC / 1420 mA
Power consumption:	≤ 19 W @ PoE (802.3at) ≤ 17 W @ 12 V DC
Housing:	Compact, Metal
Color:	White
"Index of Protection":	IP67



DATA SHEET

Vandal-proof:	IK10
Operation temp:	-30 °C ... 60 °C
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
Weight:	1.86 kg
Dimensions:	Ø 144 x 333 mm
Manufacturer / Brand:	Hikvision
SAP Code:	300728398
Guarantee:	3 years