

Code: DS-2CD2185FWD-IS(2.8mm)

IP VANDALPROOF CAMERA **DS-2CD2185FWD-IS(2.8mm)** - 8.3 Mpx - 4K UHD Hikvision

IP camera with efficient H.265 / H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 3840 x 2160 - 4K.

PoE powering possibility, compatible with the 802.3af standard makes the device more universal and easier to install.



Standard:	TCP/IP
Sensor:	1/2.5 " Progressive Scan CMOS
Matrix size:	8.3 Mpx
Scanning system:	Progressive
Resolution:	3840 x 2160 - 8.3 Mpx - 4K UHD , 3072 x 1728 - 5.3 Mpx , 2560 x 1440 - 4.0 Mpx , 1920 x 1080 - 1080p 1280 x 720 - 720p
Lens:	2.8 mm
View angle:	• 102 ° (manufacturer data) • 100 ° (our tests result)
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:	1 / 1



DATA SHEET

Audio:	• External microphone input, • Audio output, • Bi-directional audio streaming support
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)
Bitrate:	32 ... 16384 kbps - H.264
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
WEB Server:	Built-in
Max. number of on-line users:	6
ONVIF:	16.12
Mobile phones support:	Port no.: 8000 or access by a cloud (P2P) • Android: Free application iVMS-4500 or Hik-Connect • iOS (iPhone): Free application iVMS-4500 or Hik-Connect
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 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
Main features:	• 3D-DNR - Digital Noise Reduction • WDR - 120 dB - Wide Dynamic Range • ROI - improve the quality of selected parts of image • BLC - Back Light Compensation • 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 • Possibility to change the resolution, quality and bit rate • RESET button • Image analysis : Motion Detection, abandoned/missing object, intrusion, crossing the line (tripwire), face detection • Configurable Privacy Zones • Mirror - Mirror image • Sharpness - sharper image outlines
Power supply:	• PoE (802.3af), • 12 V DC / 520 mA
Power consumption:	≤ 9 W @ PoE (802.3af) ≤ 6.2 W @ 12 V DC



DATA SHEET

Housing:	Dome, Metal
Vandal-proof:	IK10
"Index of Protection":	IP67
Color:	White
Operation temp:	-30 °C ... 60 °C
Weight:	0.56 kg
Dimensions:	Ø 111 x 82 mm
Supported languages:	English, Bulgarian, Croatian, Czech, Danish, Estonian, Finnish, French, Greek, Spanish, Dutch, Korean, Lithuanian, Latvian, German, Norwegian, Polish, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Italian
Manufacturer / Brand:	Hikvision
SAP Code:	300820607
Guarantee:	3 years