

Code: DS-2CD2085FWD-I(2.8MM)

IP CAMERA **DS-2CD2085FWD-I(2.8MM)** - 8.3 Mpx 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).

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
Scanning system:	Progressive
Matrix size:	8.3 Mpx
Resolution:	3840 x 2160 - 8.3 Mpx , 3072 x 1728 - 5.3 Mpx , 2560 x 1440 - 3.7 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p
Lens:	2.8 mm
View angle:	• 102 ° (manufacturer data) • 101 ° (our tests result)
Compression:	H.265 / H.265+ / H.264 / H.264+ / MJPEG
S/N ratio:	> 50 dB (AGC off)
Range of IR illumination:	30 m
Alarm inputs / outputs:	—
Audio:	—
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)
Bitrate:	32 ... 16384 kbps
Main stream frame rate:	20 fps @ 8.3 Mpx 25 fps @ 5.3 Mpx



DATA SHEET

Network interface:	10/100 Base-T (RJ-45)
Network protocols:	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, SNMP, IGMP, UDP, PPPoE, IEEE 802.1x, QoS, IPv6
WEB Server:	Built-in, NVR compliance
Max. number of on-line users:	6
ONVIF:	18.6
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 / - 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:	• 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 • AGC - Automatic Gain Control • ICR - Movable InfraRed filter • BLC - configurable Back Light Compensation • Day/Night mode (color/b&w/auto) • Configurable Privacy Zones • Motion Detection • RESET button • Mirror - Mirror image • Watermark • Sharpness - sharper image outlines • Intelligent Image Analysis : abandoned/missing object, intrusion, crossing the line (tripwire), scene changing, face detection
Power supply:	• PoE (802.3af), • 12 V DC / 580 mA
Power consumption:	$\leq 7.5 \text{ W @ PoE (802.3af)}$ $\leq 7 \text{ W @ 12 V DC}$
Housing:	Compact, Aluminum
Color:	White



DATA SHEET

"Index of Protection":	IP67
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:	0.4 kg
Dimensions:	Ø 70 x 154 mm
Manufacturer / Brand:	Hikvision
SAP Code:	300726327
Guarantee:	3 years