

Code: DS-2CD2642FWD-IS(2.8-12mm)

IP CAMERA **DS-2CD2642FWD-IS(2.8-12mm)** - 4.0 Mpx Hikvision

IP camera with efficient H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 2688 x 1520 (4.0 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. Camera is according to IP67 Index of Protection norm.



Standard:	TCP/IP
Sensor:	1/3 " Progressive Scan CMOS
Matrix size:	4.0 Mpx
Resolution:	2688 x 1520 - 4.0 Mpx , 2304 x 1296 - 3.0 Mpx , 1920 x 1080 - 1080p 1280 x 720 - 720p
Lens:	2.8 ... 12 mm
View angle:	• 112 ° ... 34 ° (manufacturer data) • 105 ° ... 34 ° (our tests result)
Compression:	H.264+ / H.264 / MJPEG
S/N ratio:	> 50 dB
Range of IR illumination:	30 m
Alarm inputs / outputs:	1 / 1
Bitrate:	32 ... 16384 kbps - H.264
Main stream frame rate:	• 20 fps - 4.0 Mpx • 25 fps - 1080p
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



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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:	2.6
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 • 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 • ROI - improve the quality of selected parts of image • Intelligent Image Analysis : intrusion, crossing the line (tripwire) • ICR - Movable InfraRed filter • BLC - Back Light Compensation • HLC - High Light Compensation (spot) • Mirror - Mirror image • Auto White Balance • Motion Detection • Configurable Privacy Zones • Sharpness - sharper image outlines
Power supply:	• PoE (802.3af), • 12 V DC / 630 mA
Power consumption:	≤ 7.5 W
Housing:	Compact, Metal
Color:	White
"Index of Protection":	IP67
Operation temp:	-30 °C ... 60 °C



DATA SHEET

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:	0.86 kg
Dimensions:	Ø 105 x 259 mm
Manufacturer / Brand:	Hikvision
SAP Code:	300710376
Guarantee:	3 years