

Code: DS-2CD2F42FWD-IWS(2.8mm)

IP SPEED DOME CAMERA INDOOR **DS-2CD2F42FWD-IWS(2.8mm)** Wi-Fi - 4.0 Mpx Hikvision

IP camera equipped with very good high resolution sensor. Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition. Built-in Infra-Red illuminator enables night monitoring. The range of IR illumination according to the manufacturer data, depends on outer conditions (visibility - air transparency, environment, wall colors ie. scene reflectance). The used Wi-Fi module allows to remote communication with camera for max. distance up to 50 m. For a few models of IP cameras working at 4Mpx resolution we recommend to use of network with 1Gb/s bandwidth.



Standard:	TCP/IP
Sensor:	1/3 " 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
Scanning system:	Progressive
Lens:	2.8 mm
View angle:	• 106 ° (manufacturer data) • 103 ° (our tests result)
Optical zoom:	—
Digital zoom:	—
Range of IR illumination:	10 m
Video output:	—
Horizontal rotation range:	-90 ° ... +90 °
Vertical rotation range:	0 ° ... 75 °
RS-485 interface:	—



DATA SHEET

Horizontal scan:	—
Image compression method:	H.264+ / H.264 / MJPEG
Bitrate:	48 ... 16384 kbps - H.264
Alarm inputs / outputs:	1 / 1
Main stream frame rate:	• 20 fps - 4.0 Mpx • 25 fps - 1080p
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)
Network interface:	10/100/1000 Base-T (RJ-45)
Network protocols:	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, PPPoE, RTP, RTSP, RTCP, NTP, UPnP, SMTP, SNMP, IGMP, QoS, IPv6, Bonjour, 802.11n/g/b
WEB Server:	Built-in, NVR compliance
Max. number of on-line users:	6
ONVIF:	2.6
Audio:	• External microphone input, • Audio output, • Bi-directional audio streaming support
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:	• Wi-Fi module - 802.11n/g/b, Range : 50 m (open area) • WDR - Wide Dynamic Range • Intelligent image analysis : intrusion, crossing the line (tripwire) • ROI - improve the quality of selected parts of image • The ANR (Automatic Network Replenishment) function - ensures integrity of recording data in the event of network failures. It bases on automatic saving the recording data to microSD card inserted inside the camera, and after failure is end, the recorded data are automatically synchronized with the recorder • ICR - Movable InfraRed filter • Day/night mode • BLC - Back Light Compensation • Configurable Privacy Zones



DATA SHEET

Power supply:	• PoE (802.3af), • 12 V DC / 750 mA
Power consumption:	≤ 9 W
Housing:	Mini Speed Dome, Plastic
Color:	White / Black
"Index of Protection":	—
Operation temp:	-10 °C ... 40 °C
Weight:	0.38 kg
Dimensions:	Ø 120 x 87 mm
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
SAP Code:	300807586
Manufacturer / Brand:	Hikvision
Guarantee:	3 years