DATA SHEET

Code: DS-2CD2442FWD-IW(2.8mm)(PSU)

IP CAMERA **DS-2CD2442FWD-IW(2.8mm)(PSU)** Wi-Fi - 4.0 Mpx Hikvision

IP camera with efficient H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 4 MPx.
Very easy operation via mobile devices (Android / iOS), allows the users for comfortable and remote operation, and also management of the camera. The device is ideal for eg. as a baby monitor, with mobile image view on smartphone and possibility of bi-directional audio transmission.
The used Wi-Fi module allows to remote communication with camera for max. distance up to 50 m. Attention: No possibility to switch off the AP Wi-Fi, by default Wi-Fi is set without security.



Standard:	TCP/IP
Sensor:	1/2.8 " 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 mm
View angle:	• 106 ° (manufacturer data) • 104 ° (our tests result)
Range of IR illumination:	10 m
Audio:	• Microphone built-in, • Speakers built-in, • Bi-directional audio streaming support
RS-485 interface:	–
Alarm inputs / outputs:	1 / 1, PIR detector

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Image compression method:	• H.264 • MJPEG
Bitrate:	32 ... 8000 kbps - H.264
Main stream frame rate:	• 20 fps - 4.0 Mpx • 25 fps @ 1080p
ONVIF:	2.6
Network protocols:	TCP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, QoS, IEEE 802.1x, IPv6
Network interface:	10/100 Base-T (RJ-45), Wi-Fi IEEE 802.11 b/g/n
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 IP address:	DHCP or 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
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)
Main features:	• Wi-Fi - IEEE 802.11 b/g/n, Range : 50 m (open area) • WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • ROI - improve the quality of selected parts of image • Built-in Infra-Red illuminator enables night monitoring • ICR - Movable InfraRed filter • BLC/HLC - Back Light / High Light Compensation • Possibility to change the resolution, quality and bit rate • PIR detector - Built-in • Sharpness - sharper image outlines • Motion Detection • Intelligent Image Analysis : intrusion, crossing the line (tripwire)
Power supply:	• PoE (802.3af), • 12 V DC / 420 mA
Power consumption:	≤ 5 W
Weight:	0.22 kg (with stand)
Dimensions:	72 x 131 x 82 mm (with stand)
Operation temp:	-10 ... 40 °C

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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
Manufacturer / Brand:	Hikvision
SAP Code:	300724384
Guarantee:	**3 years**

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