

Code: DS-2CD2142FWD-IWS(2.8MM)

IP VANDALPROOF CAMERA **DS-2CD2142FWD-IWS(2.8MM)** 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 2688 x 1520 (4.0 MPx).

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

The used Wi-Fi module allows to remote communication with camera for max. distance up to 50 m.



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| Standard: | TCP/IP |
| Sensor: | 1/3 " Progressive Scan CMOS |
| Matrix size: | 4.1 Mpx |
| Scanning system: | Progressive |
| 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: | <ul style="list-style-type: none"> • 106 ° (manufacturer data) • 101 ° (our tests result) |
| Range of IR illumination: | 30 m |
| S/N ratio: | > 50 dB |
| RS-485 interface: | — |
| Image compression method: | H.264+ / H.264 / MJPEG |
| Alarm inputs / outputs: | 1 / 1 |
| Audio: | <ul style="list-style-type: none"> • External microphone input, • Audio output, • Bi-directional audio streaming support |



DATA SHEET

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| 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 @ 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 |
| WEB Server: | Built-in |
| Max. number of on-line users: | 6 |
| ONVIF: | 2.6 |
| 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 / - |
| 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 - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • ROI - improve the quality of selected parts of image • BLC - Back Light Compensation • Possibility to change the resolution, quality and bit rate • RESET button • Image analysis : Motion Detection, intrusion, crossing the line (tripwire), face detection • Configurable Privacy Zones • Watermark • Mirror - Mirror image • Sharpness - sharper image outlines |
| Power supply: | • PoE (802.3af), • 12 V DC / 420 mA |
| Power consumption: | ≤ 5 W |
| Housing: | Dome, Metal / Plastic |
| Vandal-proof: | IK10 |
| "Index of Protection": | IP67 |



DATA SHEET

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| Color: | White |
| Operation temp: | -30 °C ... 60 °C |
| Weight: | 0.5 kg |
| Dimensions: | Ø 111 x 88 mm |
| Supported languages: | English, Bulgarian, Croatian, Czech, Danish, Estonian, Finnish, French, Greek, Spanish, Dutch, Lithuanian, Latvian, German, Norwegian, Polish, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Vietnamese, Italian |
| Manufacturer / Brand: | Hikvision |
| SAP Code: | 300807931 |
| Guarantee: | 3 years |