

Code: DS-2CD4B36FWD-IZ(2.8-12MM)

## IP CAMERA **DS-2CD4B36FWD-IZ(2.8-12MM)** - 3.0 Mpx Hikvision

IP camera with efficient H.265 / H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 2048 x 1536 (3.1 Mpx).

The used motozoom lens with 2.8 ... 12 mm focal length allows to remote view angle adjustment. PoE powering possibility, compatible with the 802.3at standard makes the device more universal and easier to install.

The "Low Light" series cameras provide a clear color image even at very poor lighting.



|                               |                                                                                                                                            |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                     | TCP/IP                                                                                                                                     |
| Sensor:                       | 1/2.8 " Progressive Scan CMOS                                                                                                              |
| Matrix size:                  | 3.1 Mpx                                                                                                                                    |
| Resolution:                   | 2048 x 1536 - 3.0 Mpx ,<br>1920 x 1080 - 1080p<br>1280 x 960 - 1.3 Mpx<br>1280 x 720 - 720p                                                |
| Lens:                         | 2.8 ... 12 mm - Motozoom                                                                                                                   |
| View angle:                   | 88 ° ... 33 °                                                                                                                              |
| Range of IR illumination:     | 30 m                                                                                                                                       |
| S/N ratio:                    | > 50 dB (AGC off)                                                                                                                          |
| Compression:                  | H.265 / H.265+ / H.264 / H.264+ / MJPEG                                                                                                    |
| Main stream frame rate:       | 25 fps - 3 Mpx                                                                                                                             |
| Network interface:            | 10/100 Base-T (RJ-45)                                                                                                                      |
| Network protocols:            | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, IEEE 802.1x, QoS, IPv6, UDP, Bonjour |
| WEB Server:                   | Built-in, NVR compliance                                                                                                                   |
| Max. number of on-line users: | 20                                                                                                                                         |
| ONVIF:                        | 16.12                                                                                                                                      |



# DATA SHEET

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| Memory card slot:              | Micro SD memory cards up to 128GB support (possible local recording)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Alarm inputs / outputs:        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Audio:                         | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| RS-485 interface:              | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Mobile phones support:         | Port no.: 80 or access by a cloud (P2P)<br>• Android: Free application <a href="#">iVMS-4500</a> or <a href="#">Hik-Connect</a><br>• iOS (iPhone): Free application <a href="#">iVMS-4500</a> , or <a href="#">Hik-Connect</a>                                                                                                                                                                                                                                                                                                                                                                 |
| Default IP address:            | 192.168.1.64                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Default admin user / password: | admin / -<br>The administrator password should be set at the first start                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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<br>rtsp://192.168.1.64:554/Streaming/Channels/101/ - RTSP - without authorization<br>rtsp://user:password@192.168.1.64:554/Streaming/Channels/101/ - with authorization<br>• Sub stream<br>rtsp://192.168.1.64:554/Streaming/Channels/102/ - RTSP - without authorization<br>rtsp://user:password@192.168.1.64:554/Streaming/Channels/102/ - with authorization                                                                                                                                                                                                                  |
| Main features:                 | • Motozoom lens - Control from a Web browser<br>• WDR - 120 dB - Wide Dynamic Range<br>• ROI - improve the quality of selected parts of image<br>• F-DNR (Defog) - Reduction of image noise caused by precipitation<br>• 3D-DNR - Digital Noise Reduction<br>• EIS - Electronic Image Stabilization<br>• Intelligent Image Analysis : crossing the line (tripwire), intrusion, detection of entry into the area / exit from the area, abandoned/missing object, scene changing, face detection,<br>• ICR - Movable InfraRed filter<br>• BLC - Back Light Compensation<br>• Video output : CVBS |
| Power supply:                  | • PoE (802.3at),<br>• 12 V DC / 940 mA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Power consumption:             | ≤ 11.25 W @ 12 V DC<br>≤ 15 W @ PoE (802.3at)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Housing:                       | Compact, Metal / Plastic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Color:                         | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| "Index of Protection":         | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Vandal-proof:                  | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Operation temp:                | -30 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Weight:                        | 1.9 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Dimensions:                    | 312 x 104 x 100 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |



## DATA SHEET

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|-----------------------|----------------|
| Supported languages:  | English        |
| Manufacturer / Brand: | Hikvision      |
| SAP Code:             | 300724667      |
| Guarantee:            | <b>3 years</b> |