

Code: DS-2CD2H25FWD-IZS(2.8-12MM)

# IP VANDALPROOF CAMERA **DS-2CD2H25FWD-IZS(2.8-12MM)** - 1080p

## Hikvision

Net: **414.98 EUR** Gross: **414.98 EUR**



IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 1920 x 1080 (1080p). Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition.

The range of IR illumination according to the manufacturer data, depends on outer conditions (visibility - air transparency, environment, wall colors ie. scene reflectance).

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.

Powered by Darkfighter - the camera has very good sensitivity, dedicated to poor lighting conditions.

### SPECIFICATION

|                           |                                                                                           |
|---------------------------|-------------------------------------------------------------------------------------------|
| Standard:                 | TCP/IP                                                                                    |
| Sensor:                   | 1/2.8 " Progressive Scan CMOS                                                             |
| Matrix size:              | 2.1 Mpx                                                                                   |
| Resolution:               | 1920 x 1080 - 1080p ,<br>1280 x 960 - 1.3 Mpx ,<br>1280 x 720 - 720p                      |
| Lens:                     | 2.8 ... 12 mm - Motozoom                                                                  |
| View angle:               | • 105 ° ... 35 ° (manufacturer data)<br>• 103 ° ... 32 ° (our tests result)               |
| Range of IR illumination: | 30 m                                                                                      |
| RS-485 interface:         | —                                                                                         |
| Memory card slot:         | Micro SD memory cards up to 128GB support (possible local recording)                      |
| Image compression method: | H.265 / H.265+ / H.264 / H.264+ / MJPEG                                                   |
| Alarm inputs / outputs:   | 1 / 1                                                                                     |
| Audio:                    | • External microphone input<br>• Audio output<br>• Bi-directional audio streaming support |
| Bitrate:                  | 32 ... 16384 kbps                                                                         |
| 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, Bonjour                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| WEB Server:                    | Built-in, Web Viewer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Max. number of on-line users:  | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ONVIF:                         | 16.12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Mobile phones support:         | Port no.: 8000 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 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:                      | <ul style="list-style-type: none"> <li>• 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</li> <li>• 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</li> </ul>                                                                                                                                                                                  |
| Main stream frame rate:        | 25 fps @ 1080p                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Main features:                 | <ul style="list-style-type: none"> <li>• WDR - 120 dB - Wide Dynamic Range</li> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• ROI - improve the quality of selected parts of image</li> <li>• ICR - Movable InfraRed filter</li> <li>• BLC - configurable Back Light Compensation</li> <li>• Intelligent Image Analysis : intrusion, crossing the line (tripwire), abandoned/missing object, face detection</li> <li>• Day/Night mode (color/b&amp;w/auto)</li> <li>• Mirror - Mirror image</li> <li>• Configurable Privacy Zones</li> <li>• Motion Detection</li> <li>• Sharpness - sharper image outlines</li> </ul> |
| Power supply:                  | <ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 12 V DC / 850 mA</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Power consumption:             | ≤ 11.5 W @ PoE (802.3af)<br>≤ 10 W @ 12 V DC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Housing:                       | Dome - Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Color:                         | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| "Index of Protection":         | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Vandal-proof:                  | IK10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Operation temp:                | -30 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Weight:                        | 1.19 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Dimensions:                    | Ø 136 x 146 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, Italian                                                                                                                                                                                                                                                                                                                                                                             |
| Manufacturer / Brand:          | Hikvision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SAP Code:                      | 300821875                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Guarantee:                     | <b>3 years</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |



## PRESENTATION

Camera is out from clamping ring:



Memory card slot:



Camera connectors:



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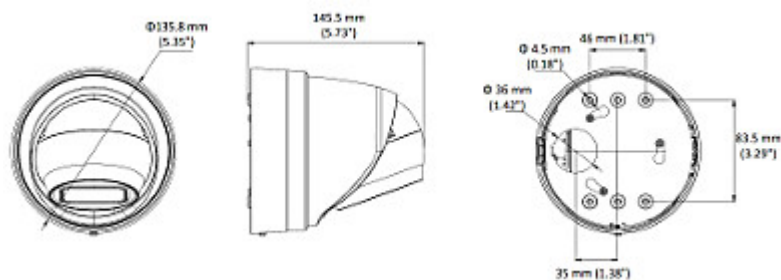


Mounting side view:



Dimensions:

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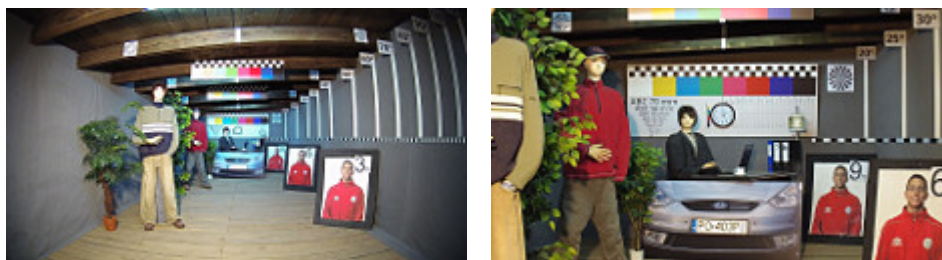


In the kit:



## OUR TESTS

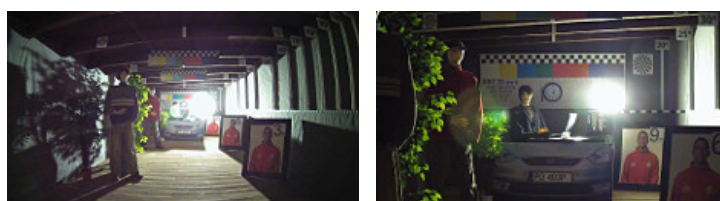
Camera image at artificial illumination (about 30Lux):



Camera image at night conditions with internal built-in IR illuminator on:



Camera image at direct strong light opposite to camera:



## OUR OPINIONS



- The camera is equipped with a sensor with very high sensitivity, dedicated to work in poor light conditions.

## PACKAGE

|                                  |                    |
|----------------------------------|--------------------|
| Dimensions (L x W x H): 0x0x0 mm | Gross Weight: 0 kg |
|----------------------------------|--------------------|

