

Code: DS-2DE1A400IW-DE3(2.8MM)

# IP SPEED DOME CAMERA OUTDOOR **DS-2DE1A400IW-DE3(2.8MM)** - 3.7 Mpx 2.8 Hikvision Net: **268.15 EUR** Gross: **268.15 EUR**

IP camera equipped with very good high resolution sensor. Due to detailed image and wide view angle this camera is perfect solution for surveillance systems requiring persons or vehicles recognition, for example at places like: buildings entrance, lobbies, lounges, etc.

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.



## SPECIFICATION

|                                  |                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Standard:                        | TCP/IP                                                                                                                       |
| Sensor:                          | 1/3 " Progressive Scan CMOS                                                                                                  |
| Matrix size:                     | 4 Mpx                                                                                                                        |
| Resolution:                      | 2560 x 1440 - 3.7 Mpx ,<br>2048 x 1536 - 3 Mpx ,<br>1920 x 1080 - 1080p ,<br>1280 x 960 - 1.3 Mpx ,<br>1280 x 720 - 720p     |
| Scanning system:                 | Progressive                                                                                                                  |
| Lens:                            | 2.8                                                                                                                          |
| View angle:                      | <ul style="list-style-type: none"><li>• 104 ° (manufacturer data)</li><li>• 93 ° (our tests result)</li></ul>                |
| Optical zoom:                    | —                                                                                                                            |
| Digital zoom:                    | x 16                                                                                                                         |
| Range of IR illumination:        | 15 m                                                                                                                         |
| Video output:                    | —                                                                                                                            |
| Preset rotation speed:           | <ul style="list-style-type: none"><li>• 100 °/s (horizontal)</li><li>• 100 °/s (vertical)</li></ul>                          |
| Rotation speed (manual control): | <ul style="list-style-type: none"><li>• 0.1 °/s ... 100 °/s (horizontal),</li><li>• 0.1 °/s ... 100 °/s (vertical)</li></ul> |
| Horizontal rotation range:       | 330 ° - Rotation of the head is limited by stops                                                                             |
| Vertical rotation range:         | 0 ° ... 90 °                                                                                                                 |
| RS-485 interface:                | —                                                                                                                            |

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Number of presets:             | 300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Horizontal scan:               | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Route settings:                | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Image compression method:      | H.265+ / H.265 / H.264+ / H.264 / MJPEG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Bitrate:                       | 32 ... 16384 kbps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Alarm inputs / outputs:        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Audio:                         | <ul style="list-style-type: none"> <li>• External microphone input</li> <li>• Audio output</li> <li>• Audio detection</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Main stream frame rate:        | 25 fps @ 3.7 Mpx                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Network interface:             | 10/100 Base-T (RJ-45)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Network protocols:             | IPv4/IPv6, HTTP, HTTPS, IEEE 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, DHCP, PPPoE, Bonjour                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| WEB Server:                    | Built-in, NVR compliance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Max. number of on-line users:  | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| ONVIF:                         | 17.12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Memory card slot:              | Micro SD memory cards up to 256GB support (possible local recording)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Mobile phones support:         | Port no.: 8000 or access by a cloud (P2P) <ul style="list-style-type: none"> <li>• Android: Free application <a href="#">iVMS-4500</a> or <a href="#">Hik-Connect</a></li> <li>• iOS (iPhone): Free application <a href="#">iVMS-4500</a> or <a href="#">Hik-Connect</a></li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Default admin user / password: | admin / -<br>The administrator password should be set at the first start                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 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://user:password@192.168.1.64:554/Streaming/Channels/101/ - with authorization</li> <li>• Sub stream<br/>rtsp://user:password@192.168.1.64:554/Streaming/Channels/102/ - with authorization</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Main features:                 | <ul style="list-style-type: none"> <li>• WDR - 120 dB - Wide Dynamic Range</li> <li>• EIS - Electronic Image Stabilization</li> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• ROI - improve the quality of selected parts of image</li> <li>• BLC - configurable Back Light Compensation</li> <li>• HLC - High Light Compensation (spot)</li> <li>• Privacy zones - max. 24</li> <li>• Motion Detection</li> <li>• ICR - Movable InfraRed filter</li> <li>• Sharpness - sharper image outlines</li> <li>• Day/Night mode (color/b&amp;w/auto)</li> <li>• Mirror - Mirror image</li> <li>• ANR - Automatic Network Replenishment allows to save image to the card when the network connection with DVR is break (network failure) and next synchronize its</li> <li>• Intelligent Image Analysis : abandoned/missing object, crossing the line (tripwire), intrusion, detection of entry into the area / exit from the area, face detection</li> </ul> |
| Power supply:                  | <ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 12 V DC / 1 A</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Power consumption:             | ≤ 12 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Housing:                       | Speed Dome, Aluminum + Plastic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

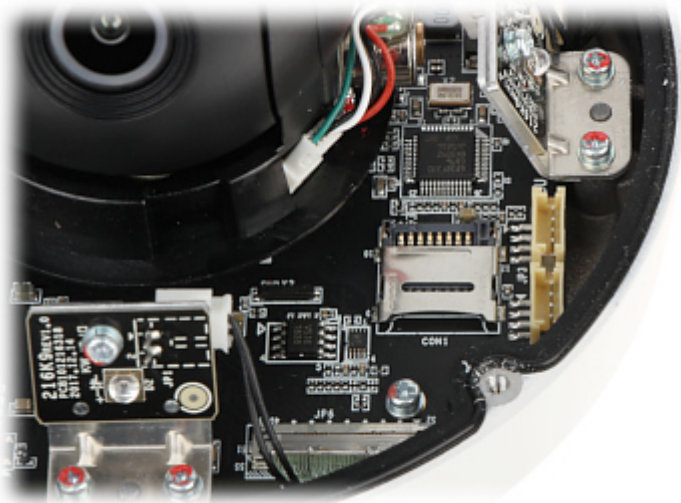
|                        |                                                                                                                                                                                                                                       |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Color:                 | White + Black                                                                                                                                                                                                                         |
| "Index of Protection": | IP66                                                                                                                                                                                                                                  |
| Operation temp:        | -10 °C ... 55 °C                                                                                                                                                                                                                      |
| Weight:                | 0.42 kg                                                                                                                                                                                                                               |
| Dimensions:            | Ø 124 x 77 mm                                                                                                                                                                                                                         |
| Supported languages:   | Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Finnish, French, Greek, Spanish, Dutch, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Vietnamese, Italian |
| Manufacturer / Brand:  | Hikvision                                                                                                                                                                                                                             |
| SAP Code:              | 301312967                                                                                                                                                                                                                             |
| Guarantee:             | <b>3 years</b>                                                                                                                                                                                                                        |

## PRESENTATION

Camera view after remove the Dome cover:



Micro SD card slot is located inside the camera:



Mounting side view:



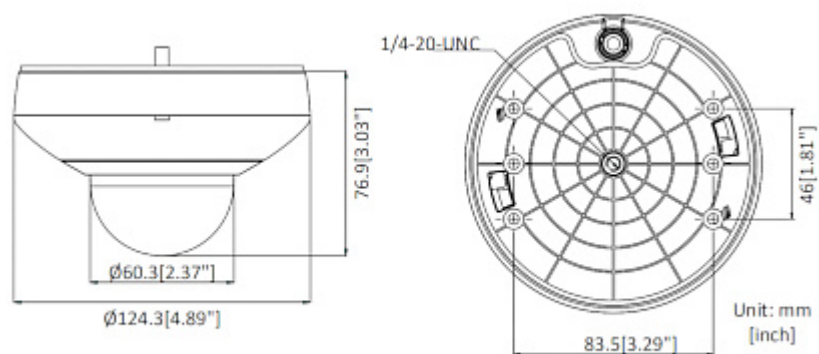
Connectors:



Connectors description:



Camera dimensions:



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:



## PACKAGE

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