

Code: IPC-HFW5842E-ASE-0280B-S3

# IP CAMERA **IPC-HFW5842E-ASE-0280B-S3** WizMind S - 8.3 Mpx 4K UHD 2.8 mm DAHUA

Net: **635.35 EUR** Gross: **635.35 EUR**

IP camera with efficient H.265+ / H.264+ image compression algorithm for clear and smooth video streaming at maximal resolution of 8 MPx. Included camera software enables management and integrated monitoring of many network cameras.

The device is equipped with ePoE technology which enables transmission up to 800 m at a speed of 10 Mb/s or 300 m at a speed of 100 Mb/s via UTP.

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

The camera has extensive functions of intelligent image analysis.



## SPECIFICATION

|                           |                                                                                                                                                                                                                                                          |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                 | IP                                                                                                                                                                                                                                                       |
| Resolution:               | 3840 x 2160 - 8.3 Mpx 4K UHD ,<br>3072 x 2048 - 6 Mpx ,<br>3072 x 1728 - 5 Mpx ,<br>2592 x 1944 - 5 Mpx ,<br>2688 x 1520 - 4 Mpx ,<br>2048 x 1536 - 3 Mpx ,<br>2304 x 1296 - 3 Mpx ,<br>1920 x 1080 - 1080p<br>1280 x 960 - 1.3 Mpx<br>1280 x 720 - 720p |
| Sensor:                   | 1/1.8 " Progressive Scan CMOS                                                                                                                                                                                                                            |
| Lens:                     | 2.8 mm                                                                                                                                                                                                                                                   |
| View angle:               | 110 °                                                                                                                                                                                                                                                    |
| Range of IR illumination: | 50 m                                                                                                                                                                                                                                                     |
| Memory card slot:         | Micro SD memory cards up to 512GB support (possible local recording)                                                                                                                                                                                     |
| Image compression method: | Smart H.265+ / AI H.265 / H.265 / Smart H.264+ / AI H.264 / H.264 / H.264H / H.264B / MJPEG                                                                                                                                                              |
| Alarm inputs / outputs:   | 1 / 1                                                                                                                                                                                                                                                    |
| Audio:                    | <ul style="list-style-type: none"><li>• Microphone built-in,</li><li>• Audio input</li><li>• Audio output</li><li>• Bi-directional audio streaming support,</li><li>• Audio detection</li></ul>                                                          |
| Main stream frame rate:   | 25 fps @ 8.3 Mpx                                                                                                                                                                                                                                         |
| Interface:                | 10/100 Base-T (RJ-45)                                                                                                                                                                                                                                    |
| WEB Server:               | Built-in                                                                                                                                                                                                                                                 |

DELTA-OPTI Monika Matysiak; <https://www.delta.poznan.pl>  
POL; 60-713 Poznań; Graniczna 10  
e-mail: [delta-opti@delta.poznan.pl](mailto:delta-opti@delta.poznan.pl); tel: +(48) 61 864 69 60

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Max. number of on-line users:  | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ONVIF:                         | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Intelligent image analysis:    | <ul style="list-style-type: none"> <li>• crossing the line (tripwire) - classification of people and vehicles</li> <li>• intrusion - classification of people and vehicles</li> <li>• fast moving</li> <li>• scene changing</li> <li>• abandoned/missing object</li> <li>• parking detection</li> <li>• loitering detection</li> <li>• detection of people gathering</li> <li>• face detection - supports 6 types of facial attributes extraction</li> <li>• people counting - detection and maintenance of 4 independent areas</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 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>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>• BLC/HLC - Back Light / High Light Compensation</li> <li>• Possibility to change the resolution, quality and bit rate</li> <li>• Motion Detection</li> <li>• Privacy zones - max. 8</li> <li>• Day/night mode</li> <li>• ICR - Movable InfraRed filter</li> <li>• Auto White Balance</li> <li>• AGC - Automatic Gain Control</li> <li>• Mirror - Mirror image</li> <li>• LDC - lens distortion correction</li> <li>• SMD 3.0 - searching for an object classified as: human, motor vehicle</li> <li>• AcuPick support - technology that uses artificial intelligence on both front-end and back-end to search through massive amounts of video data to quickly locate targets with high precision</li> <li>• AI SSA AI Smart Scene Adaptive - scene auto-adaptation using deep learning algorithms to detect environmental conditions such as rain, fog, backlight, low light and flickering, in order to set the optimal image parameters</li> <li>• Heat map - the selection in the image by corresponding colors the areas with different traffic</li> <li>• metadata handling - automatic photo taking and collection of information enabling the subsequent identification of people and vehicles that triggered the alarm (clothing, silhouette, face, features of motor and non-mechanical vehicles)</li> <li>• EPTZ - advanced target detection and tracking algorithms that trigger alarms - can simultaneously zoom and track many people and/or vehicles</li> </ul> |
| Mobile phones support:         | Port no.: 37777 or access by a cloud (P2P)<br><ul style="list-style-type: none"> <li>• Android: Free application <a href="#">DMSS</a></li> <li>• iOS (iPhone): Free application <a href="#">DMSS</a></li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Default IP address:            | 192.168.1.108                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Default admin user / password: | admin / -<br>The administrator password should be set at the first start                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Web browser access ports:      | 80, 37777                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| PC client access ports:        | 37777                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Mobile client access ports:    | 37777                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Port ONVIF:                    | 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| RTSP URL:                      | rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream<br>rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Power supply:                  | <ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• ePoE,</li> <li>• 12 V DC / 520 mA</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Power consumption:             | <ul style="list-style-type: none"> <li>• ≤ 8.3 W @ PoE</li> <li>• ≤ 6.2 W @ 12 V DC</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Housing:                       | Compact - Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Color:                         | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| "Index of Protection":         | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |



|                              |                                                                                                                                           |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Mechanical protection class: | —                                                                                                                                         |
| Operation temp:              | -40 °C ... 60 °C                                                                                                                          |
| Weight:                      | 0.59 kg                                                                                                                                   |
| Dimensions:                  | 193 x 71 x 67 mm                                                                                                                          |
| Supported languages:         | Polish, English, Czech, French, Spanish, Dutch, German, Portuguese, Russian, Romanian, Turkish, Hungarian, Ukrainian, Vietnamese, Italian |
| Manufacturer / Brand:        | DAHUA                                                                                                                                     |
| Guarantee:                   | <b>3 years</b>                                                                                                                            |

## PRESENTATION



Side view:



Memory card slot:



Camera mounting side view:



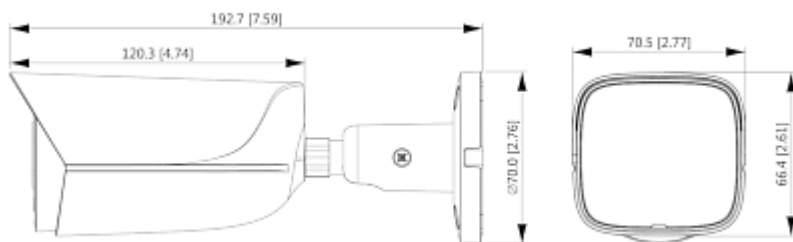
Camera connectors:



Connectors description:



Camera dimensions:



See how to initialize DAHUA cameras:

:

In the kit:



## OUR OPINIONS



- The camera has extensive functions of intelligent image analysis.

## PACKAGE

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



DELTA-OPTI Monika Matysiak; <https://www.delta.poznan.pl>  
 POL; 60-713 Poznań; Graniczna 10  
 e-mail: delta-opti@delta.poznan.pl; tel: +(48) 61 864 69 60