

Code: IPC-HFW2849S-S-IL-0360B

# IP CAMERA **IPC-HFW2849S-S-IL-0360B** WizSense - 8.3 Mpx 4K UHD 3.6 mm DAHUA

Net: **299.78 EUR** Gross: **299.78 EUR**

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 8.3 MPx, 4K UHD.

The device is equipped with Smart Dual Illumination technology, thanks to which the user has a choice of white light mode and IR (infrared) mode. When Smart Dual Illumination is active, the white light will turn on automatically only when an object is detected in the monitored area, which effectively improves the image quality.

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



## SPECIFICATION

|                                    |                                                                                                                                                                                                                                                                |
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| Standard:                          | TCP/IP                                                                                                                                                                                                                                                         |
| Sensor:                            | 1/2.7 " Progressive Scan CMOS                                                                                                                                                                                                                                  |
| Matrix size:                       | 8.3 Mpx 4K UHD                                                                                                                                                                                                                                                 |
| Resolution:                        | 3840 x 2160 - 8.3 Mpx 4K UHD ,<br>3072 x 2048 - 6 Mpx ,<br>3072 x 1728 - 5 Mpx ,<br>2880 x 1620 - 4.6 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 |
| Scanning system:                   | Progressive                                                                                                                                                                                                                                                    |
| Lens:                              | 3.6 mm                                                                                                                                                                                                                                                         |
| View angle:                        | • 87 ° (manufacturer data)<br>• 83 ° (our tests result)                                                                                                                                                                                                        |
| Range of IR illumination:          | 30 m                                                                                                                                                                                                                                                           |
| White light LED illuminator range: | 30 m                                                                                                                                                                                                                                                           |
| Min. illumination:                 | 0.002 Lux / F1.0 (color)                                                                                                                                                                                                                                       |
| S/N ratio:                         | > 56 dB                                                                                                                                                                                                                                                        |
| RS-485 interface:                  | —                                                                                                                                                                                                                                                              |
| Memory card slot:                  | Micro SD memory cards up to 256GB support (possible local recording)                                                                                                                                                                                           |

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|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image compression method:      | H.265+ / H.265 / H.264+ / H.264 / MJPEG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Alarm inputs / outputs:        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Audio:                         | <ul style="list-style-type: none"> <li>• Microphone built-in</li> <li>• Audio detection</li> <li>• Compliance with the AAC standard</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Main stream frame rate:        | 20 fps @ 8.3 Mpx<br>25 fps @ 4 Mpx                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Network interface:             | 10/100 Base-T (RJ-45)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Network protocols:             | IPv4/IPv6, HTTP, TCP, UDP, ARP, RTP, RTSP, RTCP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, UPnP, NTP, Multicast, ICMP, IGMP, NFS, PPPoE, Bonjour                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| WEB Server:                    | Built-in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Max. number of on-line users:  | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| ONVIF:                         | 21.12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 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>• NAS - Network Attached Storage support</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>• Configurable Privacy Zones</li> <li>• Mirror - Mirror image</li> <li>• SMD PLUS - searching for an object classified as: human, motor vehicle</li> <li>• IVS analysis : intrusion, crossing the line (tripwire) - classification of people and vehicles video tampering</li> </ul> |
| Power supply:                  | <ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 12 V DC / 420 mA</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Power consumption:             | <ul style="list-style-type: none"> <li>• ≤ 5 W @ 12 V DC</li> <li>• ≤ 5.9 W @ PoE</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Housing:                       | Compact - Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Color:                         | White + Black                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| "Index of Protection":         | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Vandal-proof:                  | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Operation temp:                | -40 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Weight:                        | 0.47 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Dimensions:                    | 166 x 70 x 70 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Supported languages:           | Polish, English, Czech, French, Spanish, Dutch, German, Russian, Portuguese, Russian, Romanian, Turkish, Ukrainian, Hungarian, Italian                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |



|                       |         |
|-----------------------|---------|
| Manufacturer / Brand: | DAHUA   |
| Guarantee:            | 3 years |

## PRESENTATION



Side view:



Memory card slot and "Reset" button:



Camera mounting side view:



See how to initialize DAHUA cameras:

:

In the kit:

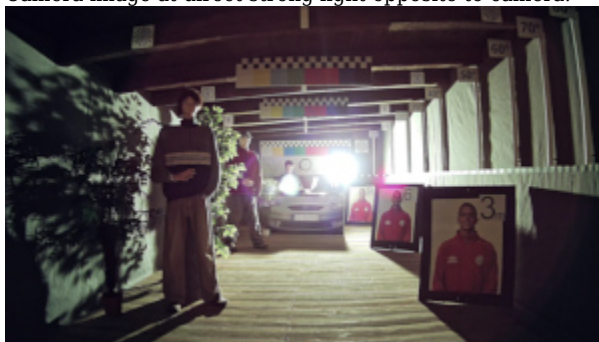


Example captures of device interface:





Camera image at direct strong light opposite to camera:



## PACKAGE

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