# IP CAMERA **IPC-HFW2549S-S-IL-0280B** WizSense - 5 Mpx 2.8 mm DAHUA

Net: **262.80 CHF**  Gross: **262.80 CHF**

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 5 MPx.

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**

| | |
|---|---|
| Standard: | TCP/IP |
| Sensor: | 1/2.7 " Progressive Scan CMOS |
| Matrix size: | 5 Mpx |
| Resolution: | 2960 x 1668  - 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: | 2.8 mm |
| View angle: | • 111 ° (manufacturer data) <br> • 105 ° (our tests result) |
| Range of IR illumination: | 30 m |
| White light LED illuminator range: | 30 m |
| Min. illumination: | 0.007 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) |
| Image compression method: | H.265+ / H.265 / H.264+ / H.264 / MJPEG |
| Alarm inputs / outputs: | — |

| | |
|---|---|
| Audio: | • Microphone built-in<br>• Audio transmission via network<br>• Audio detection<br>• Compliance with the AAC standard |
| Main stream frame rate: | 20 fps @ 5 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, QoS, 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>• Android: Free application DMSS<br>• iOS (iPhone): Free application DMSS |
| 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: | • WDR - 120 dB - Wide Dynamic Range<br>• 3D-DNR - Digital Noise Reduction<br>• ROI - improve the quality of selected parts of image<br>• BLC/HLC - Back Light / High Light Compensation<br>• Possibility to change the resolution, quality and bit rate<br>• Motion Detection<br>• Configurable Privacy Zones<br>• Mirror - Mirror image<br>• SMD PLUS - searching for an object classified as: human, motor vehicle<br>• IVS analysis : intrusion, crossing the line (tripwire) - classification of people and vehicles video tampering |
| Power supply: | • PoE (802.3af),<br>• 12 V DC / 380 mA |
| Power consumption: | • ≤ 4.6 W @ 12 V DC<br>• ≤ 5.5 W @ PoE |
| Housing: | Compact - Metal |
| Color: | White + Black |
| "Index of Protection": | IP67 |
| Vandal-proof: | — |
| Operation temp: | -40 °C ... 60 °C |
| Weight: | 0.47 kg |
| Dimensions: | 162  x 70  x 70 mm |
| Supported languages: | Polish, English, Czech, French, Spanish, Dutch, German, Russian, Portuguese, Romanian, Turkish, Ukrainian, Hungarian, Italian |
| Manufacturer / Brand: | DAHUA |
| Guarantee: | **3 years** |

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**PRESENTATION**



Side view:



Memory card slot and "Reset" button:



Camera mounting side view:

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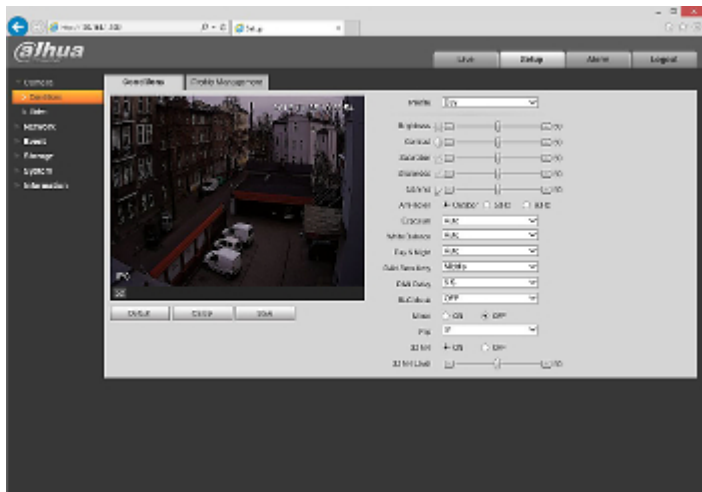
See how to initialize DAHUA cameras:
:
In the kit:



Example captures of device interface:

**OUR TESTS**

Camera image at artificial illumination (about 30Lux):



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



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 |
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