

Code: IPC-HDW3849H-AS-PV-0280B-S5

IP CAMERA **IPC-HDW3849H-AS-PV-0280B-S5** TiOC Full-Color - 8.3 Mpx 4K UHD 2.8 mm DAHUA

Net: **1 930.00 PLN** Gross: **1 930.00 PLN**

The **DAHUA TiOC** series of cameras are modern IP cameras combining 3 innovative technologies: **Dahua Full-Color** - 24/7 color image, **Wiz-Sense** - AI artificial intelligence functions and audio-visual **active deterrence**

The camera is equipped with a dual illuminator: IR and white light with an intelligent switching function. In the night mode, the camera uses an IR illuminator, and when there is movement in the monitored area, it switches to the color mode with a white light illuminator for detailed recording of key events. This solution allows to minimize the light pollution generated by the camera after dark, while maintaining all the advantages of a color recording.

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

In addition, the camera has the function of active deterrence of intruders using flashing red and blue light and siren sound.



SPECIFICATION

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| Standard: | IP |
| Resolution: | 3840 x 2160 - 8.3 Mpx 4K UHD , 3072 x 2048 - 6 Mpx , 3072 x 1728 - 5 Mpx , 2592 x 1944 - 5 Mpx , 2688 x 1520 - 4 Mpx , 2560 x 1440 - 4 Mpx , 2048 x 1536 - 3 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 960 - 1.3 Mpx , 1280 x 720 - 720p |
| Sensor: | 1/2.7 " Progressive Scan CMOS |
| Lens: | 2.8 mm |
| View angle: | 106 ° |
| Range of IR illumination: | ≤ 30 m |
| White light LED illuminator range: | ≤ 30 m |
| Image compression method: | H.265+ / H.265 / H.264+ / H.264 / MJPEG |
| Memory card slot: | Micro SD card support up to 256GB |
| Alarm inputs / outputs: | 1 / 1 |

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| Audio: | <ul style="list-style-type: none"> • Microphone built-in : 2 pcs, • Audio input, • Audio output, • Speaker built-in, • Bi-directional audio streaming support, • Audio detection, • Compliance with the AAC standard |
| Main stream frame rate: | 25 fps @ 8.3 Mpx |
| Network interface: | 10/100 Base-T (RJ-45) |
| WEB Server: | Built-in |
| Max. number of on-line users: | 20 |
| ONVIF: | ✓ |
| Mobile phones support: | Port no.: 37777 or access by a cloud (P2P) <ul style="list-style-type: none"> • Android: Free application DMSS • iOS (iPhone): Free application DMSS |
| Default IP address: | 192.168.1.108 |
| Default admin user / password: | admin / - 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 rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream |
| Intelligent image analysis: | <ul style="list-style-type: none"> • crossing the line (tripwire) • intrusion • classification of people and vehicles • scene changing • video tampering • 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 • Quick Pick - AI technology enabling, together with the recorder, quick identification of interesting objects (people/vehicles) based on an artificial intelligence algorithm. It allows to extract and compare the colors of clothes and vehicles • 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 • SMD 4.0 - searching for an object classified as: human, motor vehicle - increased detection distance and resistance to false alarms |
| Main features: | <ul style="list-style-type: none"> • Active intrusion deterrence works by blinking blue and red light and siren sound or voice prompts • WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • ROI - improve the quality of selected parts of image • BLC/HLC - Back Light / High Light Compensation • Full Color - colorful night mode • White light (LED) illuminator built-in • Day/Night mode (color/b&w/auto) • ICR - Movable InfraRed filter • Auto White Balance • AGC - Automatic Gain Control • Image rotation and mirror • Motion Detection • Configurable Privacy Zones |
| Housing: | Dome - Metal |
| Color: | White |
| "Index of Protection": | IP67 |



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| Mechanical protection class: | — |
| Power supply: | <ul style="list-style-type: none"> • PoE (802.3af), • 12 V DC / 770 mA |
| Power consumption: | <ul style="list-style-type: none"> • ≤ 10.1 W @ PoE • ≤ 8.6 W @ 12 V |
| Operation temp: | -40 °C ... 60 °C |
| Weight: | 0.75 kg |
| Dimensions: | Ø 122 x 111 mm |
| Supported languages: | Polish, English, Czech, French, Spanish, Dutch, German, Russian, Portuguese, Romanian, Turkish, Ukrainian, Hungarian, Vietnamese, Italian |
| Manufacturer / Brand: | DAHUA |
| Guarantee: | 3 years |

PRESENTATION

Camera is out from clamping ring:



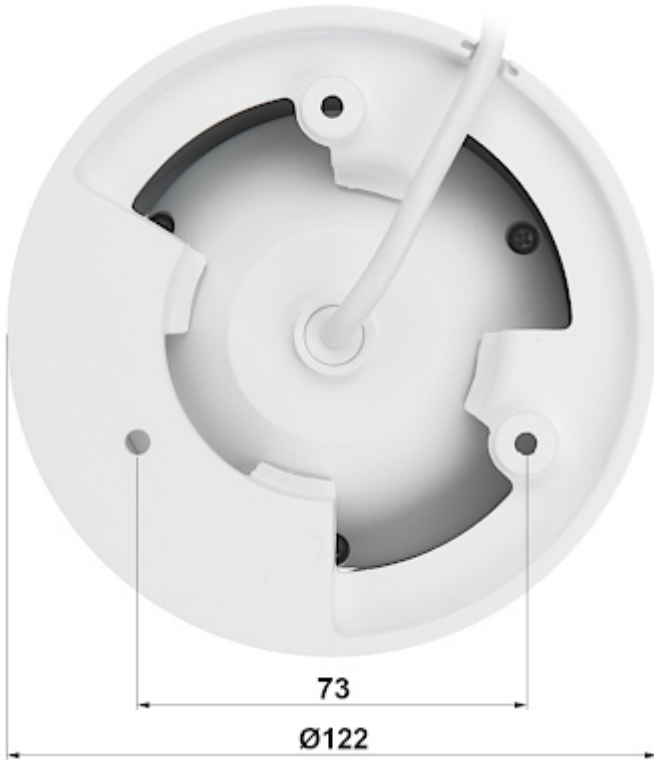
Side view:



Memory card slot and "Reset" button:



Camera mounting side view:



Camera connectors:



Connectors description:



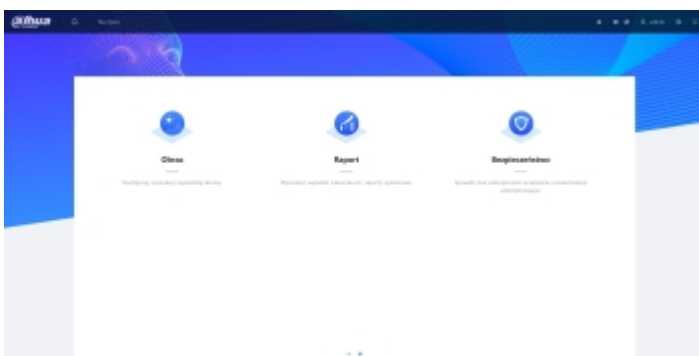
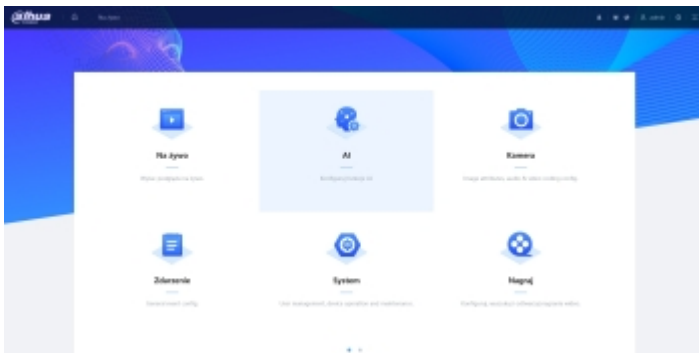
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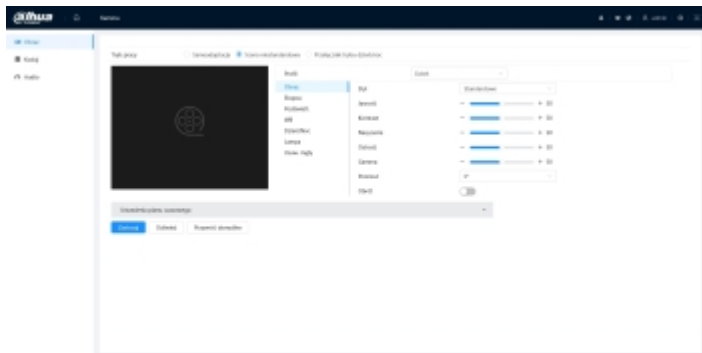


Presentation of the TiOC technology used in the camera:

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See how to initialize DAHUA cameras:

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Example captures of device interface:





In the kit:



PACKAGE

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