

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

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

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.



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| Standard: | IP |
| Resolution: | 3840 x 2160 - 8.3 Mpx 4K UHD , 3200 x 1800 - 5.7 Mpx , 3072 x 1728 - 5 Mpx , 2688 x 1520 - 4 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p |
| Sensor: | 1/1.8 " Progressive Scan CMOS |
| Lens: | 2.8 mm |
| View angle: | 109 ° |
| 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 512GB |
| Alarm inputs / outputs: | 1 / 1 |



DATA SHEET

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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: DMSS free application• iOS (iPhone): DMSS free application |
| 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:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream rtsp://admin:haslo@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) - classification of people and vehicles• intrusion - classification of people and vehicles• video tampering• scene changing• 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• SMD 4.0 - searching for an object classified as: human, motor vehicle - increased detection distance and resistance to false alarms• 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 |



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| Main features: | <ul style="list-style-type: none"> • Active deterrence function, Alternately flashing LEDs: red and blue - frequency configuration, Siren sound - 3 volume levels • WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • ROI - improve the quality of selected parts of image • F-DNR (Defog) - Reduction of image noise caused by precipitation • BLC/HLC - Back Light / High Light Compensation • Day/night mode • Full Color - colorful night mode • Auto White Balance • AGC - Automatic Gain Control • Motion Detection - max. 4 zones • Privacy zones - max. 4 • Image rotation and mirror • Light and sound alarm • White light (LED) illuminator built-in : 2 LEDs |
| Housing: | Dome - Metal |
| Color: | White |
| "Index of Protection": | IP67 |
| Mechanical protection class: | — |
| Power supply: | <ul style="list-style-type: none"> • PoE (802.3af), • 12 V DC / 680 mA |
| Power consumption: | <ul style="list-style-type: none"> • ≤ 10 W @ PoE • ≤ 8.2 W @ 12 V |
| Operation temp: | -40 °C ... 60 °C |
| Weight: | 0.75 kg |
| Dimensions: | Ø 122 x 116 mm |
| Supported languages: | Polish, English, Czech, French, Spanish, Dutch, German, Russian, Portuguese, Romanian, Turkish, Ukrainian, Hungarian, Vietnamese, Italian |
| Manufacturer / Brand: | DAHUA |
| Guarantee: | 3 years |