Code: IPC-HDW3549H-AS-PV-0280B-S4

IP CAMERA **IPC-HDW3549H-AS-PV-0280B-S4** TiOC Full-Color - 5 Mpx 2.8 mm DAHUA

Net: 407.21 EUR Gross: 407.21 EUR



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**

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

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 5 MPx. 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 , 2880 x 1620 - 4.6 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
Lens:	2.8 mm
View angle:	• 97 ° (manufacturer data) • 105 ° (our tests result)
Range of IR illumination:	≤ 30 m
White light LED illuminator range:	≤ 30 m
Min. illumination:	0.003 Lux / F1.0 (Color, 30IRE)
Image compression method:	AI H.265 / H.265+ / H.265 / AI H.264 / H.264+ / H.264 / H.264H / H.264B / MJPEG
Memory card slot:	Micro SD memory cards up to 256GB support (possible local recording)
RS-485 interface:	–
Alarm inputs / outputs:	1 / 1

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Audio:	• 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:	20 fps @ 5 Mpx 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, SAMBA, PPPoE, SNMP
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) • 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
Main features:	• 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 • Mirror - Mirror image • Motion Detection • Configurable Privacy Zones • Light and sound alarm • Active deterrence function • SMD 4.0 - searching for an object classified as: human, motor vehicle - increased detection distance and resistance to false alarms • 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 • IVS analysis : Smart motion detection (with recognizing people and vehicles), crossing the line (tripwire), intrusion - classification of people and vehicles, scene changing, video tampering
Housing:	Dome - Metal
Color:	White
"Index of Protection":	IP67

Vandal-proof:	–
Power supply:	• PoE (802.3af), • 12 V DC / 770 mA
Power consumption:	• ≤ 8.8 W @ PoE • ≤ 8.3 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:



Memory card slot:





Camera mounting side view:



Camera connectors:



Connectors description:

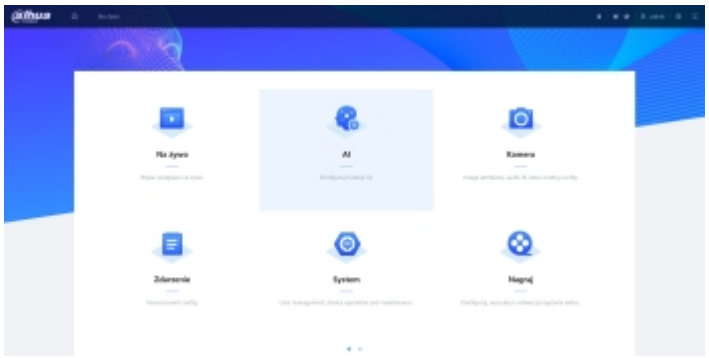


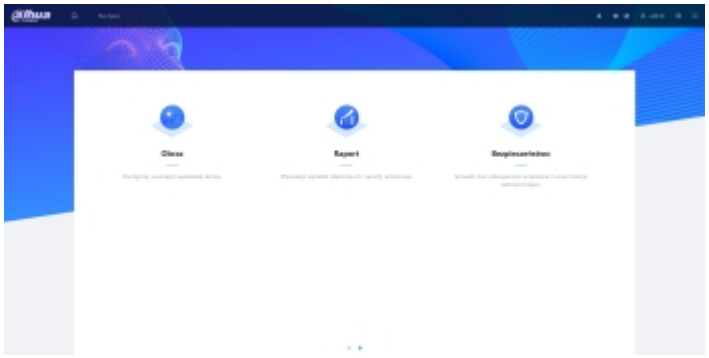
Presentation of the TiOC technology used in the camera:
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See how to initialize DAHUA cameras:
:
In the kit:

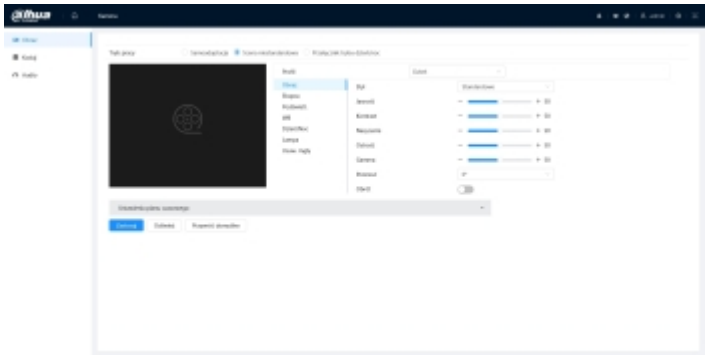


Example captures of device interface:









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