

Code: IPC-HFW3849T1-AS-PV-0280B-PRO

## IP CAMERA **IPC-HFW3849T1-AS-PV-0280B-PRO** TiOC WizSense 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**

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

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



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:	50 m



# DATA SHEET

White light LED illuminator range:	50 m
Min. illumination:	0.004 Lux / F1.0 (color)
S/N ratio:	> 56 dB
Memory card slot:	Micro SD card support up to 512GB
Image compression method:	AI H.265 / H.265+ / H.265 / AI H.264 / H.264+ / H.264
Alarm inputs / outputs:	1 / 1
Audio:	<ul style="list-style-type: none"><li>• Microphone built-in - 2 pcs,</li><li>• External microphone input,</li><li>• Speaker built-in</li><li>• Audio output</li><li>• Bi-directional audio streaming support</li><li>• Audio detection</li></ul>
Main stream frame rate:	25 fps @ 8 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"><li>• Android: <a href="#">DMSS</a> free application</li><li>• iOS (iPhone): <a href="#">DMSS</a> free application</li></ul>
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
ONVIF port:	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"><li>• crossing the line (tripwire) - classification of people and vehicles</li><li>• intrusion - classification of people and vehicles</li><li>• video tampering</li><li>• scene changing</li><li>• 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</li><li>• 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</li><li>• SMD 4.0 - searching for an object classified as: human, motor vehicle - increased detection distance and resistance to false alarms</li></ul>



Main features:	<ul style="list-style-type: none"> <li>• Active deterrence function, Alternately flashing LEDs: red and blue - frequency configuration, Siren sound - 3 volume levels</li> <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>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>• SSA - Smart Scene Adaptive - intelligent scene adaptation by automatically adjusting the exposure parameters to obtain a better image</li> <li>• BLC/HLC - Back Light / High Light Compensation</li> <li>• Day/night mode</li> <li>• Full Color - colorful night mode</li> <li>• Auto White Balance</li> <li>• AGC - Automatic Gain Control</li> <li>• Motion Detection - max. 4 zones</li> <li>• Privacy zones - max. 4</li> <li>• Image rotation and mirror</li> <li>• Light and sound alarm</li> <li>• White light (LED) illuminator built-in : 4 LEDs</li> </ul>
Power supply:	<ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 12 V DC / 980 mA</li> </ul>
Power consumption:	<ul style="list-style-type: none"> <li>• ≤ 15.1 W @ PoE</li> <li>• ≤ 11.8 W @ 12 V</li> </ul>
Housing:	Compact - Metal
Color:	White + Black
"Index of Protection":	IP67
Mechanical protection class:	—
Operation temp:	-40 °C ... 60 °C
Weight:	1.04 kg
Dimensions:	289 x 94 x 85 mm
Supported languages:	Polish, English, Czech, French, Spanish, Dutch, German, Russian, Portuguese, Romanian, Ukrainian, Hungarian, Italian
Manufacturer / Brand:	DAHUA
Guarantee:	<b>3 years</b>