

Code: IPC-HFW3549T1-AS-PV-0280B

# IP CAMERA **IPC-HFW3549T1-AS-PV-0280B** TiOC Full-Color - 5 Mpx 2.8 mm DAHUA

Net: **375.62 EUR** Gross: **462.01 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.

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:                        | 2592 x 1944 - 5 Mpx ,<br>2688 x 1520 - 4 Mpx ,<br>2560 x 1440 - 3.7 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:                        | • 98 ° (manufacturer data)<br>• 95 ° (our tests result)  |
| White light LED illuminator range: | ≤ 40 m   |
| Min. illumination:                 | 0.003 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:            | 1 / 1  |

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|                                |   |
|--------------------------------|---|
| Audio:                         | <ul style="list-style-type: none"> <li>• Microphone built-in,</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:        | 20 fps @ 5 Mpx<br>25 fps @ 4 Mpx  |
| Network interface:             | 10/100 Base-T (RJ-45)   |
| Network protocols:             | IPv4/IPv6, HTTP, HTTPS, TCP, UDP, ARP, RTP, RTSP, RTCP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, QoS, UPnP, NTP, Multicast, ICMP, IGMP, NFS, SAMBA, PPPoE, IEEE 802.1x, SNMP   |
| WEB Server:                    | Built-in  |
| Max. number of on-line users:  | 20  |
| ONVIF:                         | 20.06   |
| Mobile phones support:         | Port no.: 37777 or access by a cloud (P2P) <ul style="list-style-type: none"> <li>• Android: Free application <a href="#">DMSS</a></li> <li>• iOS (iPhone): Free application <a href="#">DMSS</a></li> </ul>  |
| 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:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream<br>rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream   |
| Main features:                 | <ul style="list-style-type: none"> <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>• BLC/HLC - Back Light / High Light Compensation</li> <li>• Day/Night mode (color/b&amp;w/auto)</li> <li>• Full Color - colorful night mode</li> <li>• WB - White Balance (ATW/AWB/manual/indoor/outdoor)</li> <li>• AGC - Automatic Gain Control</li> <li>• Motion Detection</li> <li>• Configurable Privacy Zones</li> <li>• Mirror - Mirror image</li> <li>• Light and sound alarm</li> <li>• Active deterrence function</li> <li>• White light (LED) illuminator built-in : 2 LEDs</li> <li>• SMD PLUS - searching for an object classified as: human, motor vehicle, non-motor vehicle</li> <li>• IVS analysis : crossing the line (tripwire), intrusion - classification of people and vehicles, scene changing, Audio detection</li> </ul> |
| Power supply:                  | <ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 12 V DC / 630 mA</li> </ul>  |
| Power consumption:             | max. 8.8 W @ PoE<br>max. 7.5 W @ 12 V   |
| Housing:                       | Compact - Metal   |
| Color:                         | White + Black   |
| "Index of Protection":         | IP67  |
| Vandal-proof:                  | —   |
| Operation temp:                | -40 °C ... 60 °C  |



|                       |  |
|-----------------------|--|
| Weight:               | 1 kg   |
| Dimensions:           | 289 x 95 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>   |

## PRESENTATION



Side view:



Memory card slot:



Camera mounting side view:



Camera connectors:



Connectors description:



Presentation of the TiOC technology used in the camera:

:

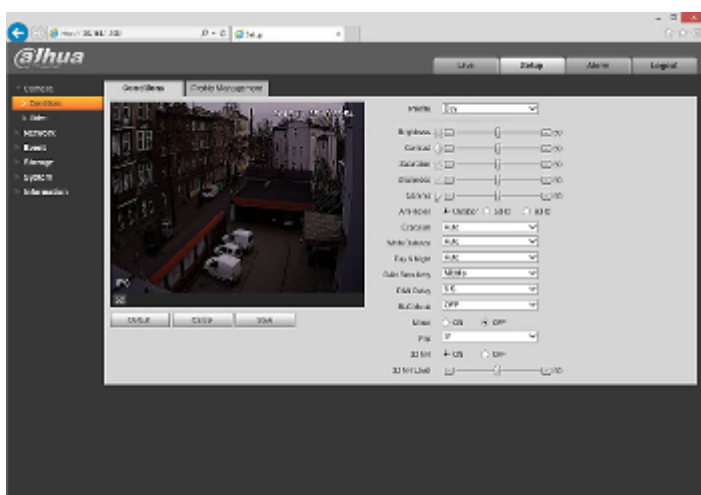
See how to initialize DAHUA cameras:

:

In the kit:



Example captures of device interface:



## OUR TESTS

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Camera image at artificial illumination (about 30Lux):



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



Camera image at direct strong light opposite to camera:

