

# IP CAMERA **IPC-HFW5449T-ASE-LED-0280B** Full-Color - 4 Mpx 2.8 mm DAHUA

Net: **556.62 EUR** Gross: **556.62 EUR**

IP camera with efficient H.264+ / H.265+ image compression algorithm for clear and smooth video streaming at maximal resolution of 4 MPx. Included camera software enables management and integrated monitoring of many network cameras.

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

The camera has extensive functions for counting people and controlling their flow. It is used wherever you need information about how many people entered, e.g. a store or office, and how many customers are still inside. It is also possible to control the number of people waiting in the queue to the service point.



## SPECIFICATION

Standard:	TCP/IP
Sensor:	1/1.8 " Progressive Scan CMOS
Matrix size:	4 Mpx
Resolution:	2688 x 1520 - 4 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 960 - 1.3 Mpx , 1280 x 720 - 720p
Scanning system:	Progressive
Lens:	2.8 mm
View angle:	<ul style="list-style-type: none"> <li>• 107 ° (manufacturer data)</li> <li>• 110 ° (our tests result)</li> </ul>
White light LED illuminator range:	60 m
Min. illumination:	0.0005 Lux / F1.0
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
Audio:	<ul style="list-style-type: none"> <li>• Microphone built-in</li> <li>• External microphone input</li> <li>• Audio output</li> <li>• Bi-directional audio streaming support</li> <li>• Audio detection</li> <li>• Compliance with the AAC standard</li> </ul>

Main stream frame rate:	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:	20.12
Main features:	<ul style="list-style-type: none"> <li>• WDR - 140 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>• NAS - Network Attached Storage support</li> <li>• BLC/HLC - Back Light / High Light Compensation</li> <li>• Day/Night mode (color/b&amp;w)</li> <li>• Possibility to change the resolution, quality and bit rate</li> <li>• Motion Detection</li> <li>• Configurable Privacy Zones</li> <li>• Mirror - Mirror image</li> <li>• SMD 3.0 - searching for an object classified as: human, motor vehicle</li> <li>• Heat map - the selection in the image by corresponding colors the areas with different traffic</li> <li>• IVS analysis : Parking monitoring mode, crossing the line (tripwire) - classification of people and vehicles, intrusion - classification of people and vehicles, fast moving - classification of people and vehicles, illegal parking, detection of people gathering, scene changing, abandoned/missing object, face detection - advanced face capture features, counting people entering and leaving the area - configuration to 4 counting rules, counting people in a given area - configuration to 4 counting rules, Statistical Reporting</li> </ul>
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 / - 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
Power supply:	<ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• ePoE,</li> <li>• 12 V DC / 320 mA</li> </ul>
Power consumption:	<ul style="list-style-type: none"> <li>• ≤ 8.5 W @ PoE (802.3af) / ePoE</li> <li>• ≤ 7.3 W @ 12 V DC</li> </ul>
Housing:	Compact - Metal
Color:	White + Black
"Index of Protection":	IP67
Vandal-proof:	—
Operation temp:	-40 °C ... 60 °C
Weight:	0.96 kg
Dimensions:	244 x 90 x 90 mm



Supported languages:	Polish, English, Czech, French, Spanish, Dutch, German, Russian, Portuguese, Italian
Manufacturer / Brand:	DAHUA
Guarantee:	<b>3 years</b>

## PRESENTATION



Side view:



Memory card slot:



Camera mounting side view:



Camera connectors:



Connectors description:



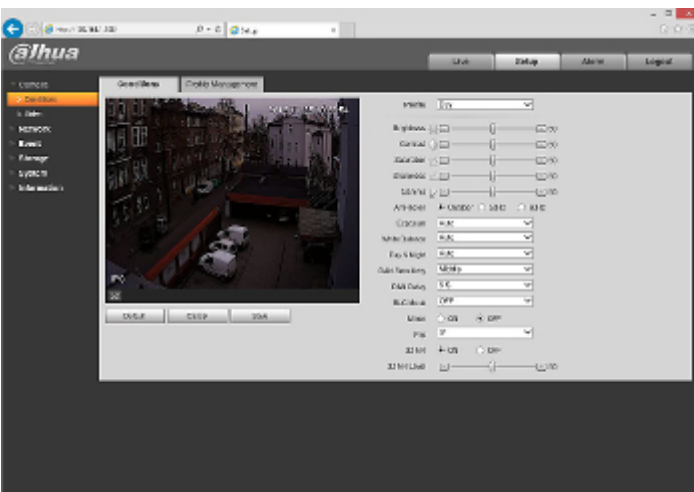
Presentation of the Full Color technology used in the camera:

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See how to initialize DAHUA cameras:

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In the kit:



Example captures of device interface:



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## OUR TESTS

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:



## OUR OPINIONS



- Thanks to the "Starlight" technology used, the camera only needs very low lighting to obtain a clear color image.

## PACKAGE

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