

Code: IPC-HFW5842T-ASE-0280B-S3

## IP VANDALPROOF CAMERA **IPC-HFW5842T-ASE-0280B-S3** WizMind S - 8.3 Mpx 4K UHD 2.8 mm DAHUA

IP camera with efficient H.265+ / H.264+ image compression algorithm for clear and smooth video streaming at maximal resolution of 8 MPx. Included camera software enables management and integrated monitoring of many network cameras.

The device is equipped with ePoE technology which enables transmission up to 800 m at a speed of 10 Mb/s or 300 m at a speed of 100 Mb/s via UTP.

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

The camera has extensive functions of intelligent image analysis.



Standard:	IP
Resolution:	3840 x 2160 - 8.3 Mpx 4K UHD , 3072 x 2048 - 6 Mpx , 3072 x 1728 - 5 Mpx , 2592 x 1944 - 5 Mpx , 2688 x 1520 - 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
Sensor:	1/1.8 " Progressive Scan CMOS
Lens:	2.8 mm
View angle:	110 °
Range of IR illumination:	80 m
Memory card slot:	Micro SD memory cards up to 512GB support (possible local recording)
Image compression method:	Smart H.265+ / AI H.265 / H.265 / Smart H.264+ / AI H.264 / H.264 / H.264H / H.264B / MJPEG
Alarm inputs / outputs:	1 / 1



# DATA SHEET

Audio:	<ul style="list-style-type: none"><li>• Microphone built-in,</li><li>• Audio input</li><li>• Audio output</li><li>• Bi-directional audio streaming support,</li><li>• Audio detection</li></ul>
Main stream frame rate:	25 fps @ 8.3 Mpx
Interface:	10/100 Base-T (RJ-45)
WEB Server:	Built-in
Max. number of on-line users:	20
ONVIF:	✓
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>• fast moving</li><li>• scene changing</li><li>• abandoned/missing object</li><li>• parking detection</li><li>• loitering detection</li><li>• detection of people gathering</li><li>• face detection - supports 6 types of facial attributes extraction</li><li>• people counting - detection and maintenance of 4 independent areas</li></ul>
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>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li><li>• BLC/HLC - Back Light / High Light Compensation</li><li>• Possibility to change the resolution, quality and bit rate</li><li>• Motion Detection</li><li>• Privacy zones - max. 8</li><li>• Day/night mode</li><li>• ICR - Movable InfraRed filter</li><li>• Auto White Balance</li><li>• AGC - Automatic Gain Control</li><li>• Mirror - Mirror image</li><li>• LDC - lens distortion correction</li><li>• SMD 3.0 - searching for an object classified as: human, motor vehicle</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>• Heat map - the selection in the image by corresponding colors the areas with different traffic</li><li>• metadata handling - automatic photo taking and collection of information enabling the subsequent identification of people and vehicles that triggered the alarm (clothing, silhouette, face, features of motor and non-mechanical vehicles)</li><li>• EPTZ - advanced target detection and tracking algorithms that trigger alarms - can simultaneously zoom and track many people and/or vehicles</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



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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
Power supply:	<ul style="list-style-type: none"><li>• PoE (802.3af),</li><li>• ePoE,</li><li>• 12 V DC / 700 mA</li></ul>
Power consumption:	<ul style="list-style-type: none"><li>• ≤ 9.8 W @ PoE</li><li>• ≤ 8.3 W @ 12 V DC</li></ul>
Housing:	Compact - Metal
Color:	White
"Index of Protection":	IP67
Mechanical protection class:	IK10
Operation temp:	-40 °C ... 60 °C
Weight:	0.82 kg
Dimensions:	244 x 79 x 76 mm
Supported languages:	Polish, English, Czech, French, Spanish, Dutch, German, Portuguese, Russian, Romanian, Turkish, Hungarian, Ukrainian, Vietnamese, Italian
Manufacturer / Brand:	DAHUA
Guarantee:	<b>3 years</b>

