

Code: IPC-HFW5842E-ZHE-2712-S3

## IP VANDALPROOF CAMERA **IPC-HFW5842E-ZHE-2712-S3** WizMind S - 8.3 Mpx 4K UHD 2.7 ... 12 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. The used motozoom lens with 2.7 ... 12 mm focal length allows to remote view angle adjustment. 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:	2.7 ... 12 mm - Motozoom
View angle:	113 ° ... 47 °
Range of IR illumination:	60 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:	2 / 1



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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>• EIS - Electronic Image Stabilization</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 / 850 mA</li></ul>
Power consumption:	<ul style="list-style-type: none"><li>• ≤ 12.8 W @ PoE</li><li>• ≤ 10.2 W @ 12 V DC</li></ul>
Housing:	Compact - Metal
Color:	White + Black
"Index of Protection":	IP67
Mechanical protection class:	IK10
Operation temp:	-40 °C ... 60 °C
Weight:	1.12 kg
Dimensions:	273 x 95 x 95 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>

