

Code: IPC-HFW5842E-ZE-2712-S3

IP VANDALPROOF CAMERA **IPC-HFW5842E-ZE-2712-S3** WizMind - 8.3 Mpx 4K UHD, 2.7 ... 12 mm - MOTOZOOM DAHUA

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 8.3 MPx, 4K UHD. Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition.

The used motozoom lens with 2.7 ... 12 mm focal length allows to remote view angle adjustment.

The range of IR illumination according to the manufacturer data, depends on outer conditions (visibility - air transparency, environment, wall colors ie. scene reflectance).

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

The camera has extensive functions of intelligent image analysis.



Standard:	TCP/IP
Sensor:	1/1.8 " Progressive Scan CMOS
Matrix size:	8.3 Mpx 4K UHD
Resolution:	3840 x 2160 - 8.3 Mpx 4K UHD , 2592 x 1944 - 5 Mpx , 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
Lens:	2.7 ... 12 mm - Motozoom
View angle:	<ul style="list-style-type: none"> • 113 ° ... 47 ° (manufacturer data) • 104 ° ... 46 ° (our tests result)
Compression:	H.265+ / H.265 / H.264+ / H.264 / MJPEG / AI Coding
Range of IR illumination:	60 m
Alarm inputs / outputs:	2 / 1
Main stream frame rate:	25 fps @ 8.3 Mpx



DATA SHEET

Audio:	<ul style="list-style-type: none">• Microphone built-in,• External microphone input• Audio output• Bi-directional audio streaming support• Smart audio detection• Compliance with the AAC standard
Network interface:	10/100 Base-T (RJ-45)
Network protocols:	IPv4/IPv6, HTTP, TCP, UDP, ARP, RTP, RTSP, RTCP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, QoS, UPnP, NTP, Multicast, ICMP, IGMP, NFS, SAMBA, PPPoE, SNMP, P2P
Default IP address:	192.168.1.108
Default admin user / password:	admin / - The administrator password should be set at the first start
Mobile phones support:	Port no.: 37777 or access by a cloud (P2P) <ul style="list-style-type: none">• Android: DMSS free application• iOS (iPhone): DMSS free application
WEB Server:	Built-in
Web browser access ports:	80, 37777
PC client access ports:	37777
Mobile client access ports:	37777
Max. number of on-line users:	20
ONVIF:	22.06
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
Memory card slot:	Micro SD memory cards up to 256GB support (possible local recording)

Main features:	<ul style="list-style-type: none"> • Motozoom lens • WDR \geq 120 dB - Wide Dynamic Range • EIS - Electronic Image Stabilization • 3D-DNR - Digital Noise Reduction • ROI - improve the quality of selected parts of image • F-DNR (Defog) - Reduction of image noise caused by precipitation • BLC/HLC - Back Light / High Light Compensation • Possibility to change the resolution, quality and bit rate • Motion Detection • Configurable Privacy Zones • Day/night mode • ICR - Movable InfraRed filter • Auto White Balance • NAS - Network Attached Storage support • AGC - Automatic Gain Control • Image rotation and mirror • Smart audio detection • 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 • Heat map - the selection in the image by corresponding colors the areas with different traffic • SMD 3.0 - searching for an object classified as: human, motor vehicle • IVS analysis : crossing the line (tripwire), intrusion, fast moving - classification of people and vehicles, abandoned/missing object, loitering detection, detection of people gathering, counting people entering and leaving the area, parking detection, face detection - supports 6 types of facial attributes extraction, supports 8 types of face expressions, people counting - support for 4 independent detection areas
Housing:	Compact, Metal + Plastic
Color:	White + Black
"Index of Protection":	IP67
Vandal-proof:	IK10
Power supply:	<ul style="list-style-type: none"> • ePoE, • PoE (802.3af), • 12 V DC / 600 mA
Power consumption:	<ul style="list-style-type: none"> • \leq 12.8 W @ PoE • \leq 10.2 W @ 12 V
Operation temp:	-30 °C ... 60 °C
Weight:	1.11 kg
Dimensions:	273 x 95 mm x 95
Supported languages:	Polish, English, Czech, French, Spanish, Dutch, German, Portuguese, Russian, Romanian, Turkish, Hungarian, Italian
Manufacturer / Brand:	DAHUA
Guarantee:	5 years