

Code: IPC-HFW5442E-ZE-2712-S3

IP VANDALPROOF CAMERA **IPC-HFW5442E-ZE-2712-S3** WizMind S - 4 Mpx 2.7 ... 12 mm - MOTOZOOM DAHUA Net: **655.01 CHF** Gross: **655.01 CHF**

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 4 MPx. 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.



SPECIFICATION

Standard:	TCP/IP
Sensor:	1/1.8 " Progressive Scan CMOS
Matrix size:	4 Mpx 4K UHD
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
Lens:	2.7 ... 12 mm - Motozoom
View angle:	• 115 ° ... 47 ° (manufacturer data) • 103 ° ... 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 @ 4 Mpx
Audio:	• 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, 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) • Android: Free application DMSS • iOS (iPhone): Free application DMSS
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: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
Memory card slot:	Micro SD memory cards up to 512GB support (possible local recording)
Main features:	• Motozoom lens • WDR - 140 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • EIS - Electronic Image Stabilization • F-DNR (Defog) - Reduction of image noise caused by precipitation • ROI - improve the quality of selected parts of image • 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 • SMD 3.0 - searching for an object classified as: human, motor vehicle • 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 • IVS analysis : crossing the line (tripwire), intrusion, fast moving - classification of people and vehicles, abandoned/missing object, loitering detection, detection of people gathering, parking detection, counting people entering and leaving the area - configuration to 4 counting rules, face detection - supports 6 types of facial attributes extraction, supports 8 types of face expressions
Housing:	Compact, Metal + Plastic
Color:	White + Black
"Index of Protection":	IP67
Vandal-proof:	IK10
Power supply:	• ePoE, • PoE (802.3af), • 12 V DC / 600 mA
Power consumption:	• ≤ 12.8 W @ PoE • ≤ 10.2 W @ 12 V
Operation temp:	-30 °C ... 60 °C



DELTA-OPTI Monika Matysiak; <https://www.delta.poznan.pl>
POL; 60-713 Poznań; Graniczna 10
e-mail: delta-opti@delta.poznan.pl; tel: +(48) 61 864 69 60

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

PRESENTATION



Side view:



Bottom view (after remove the cover):



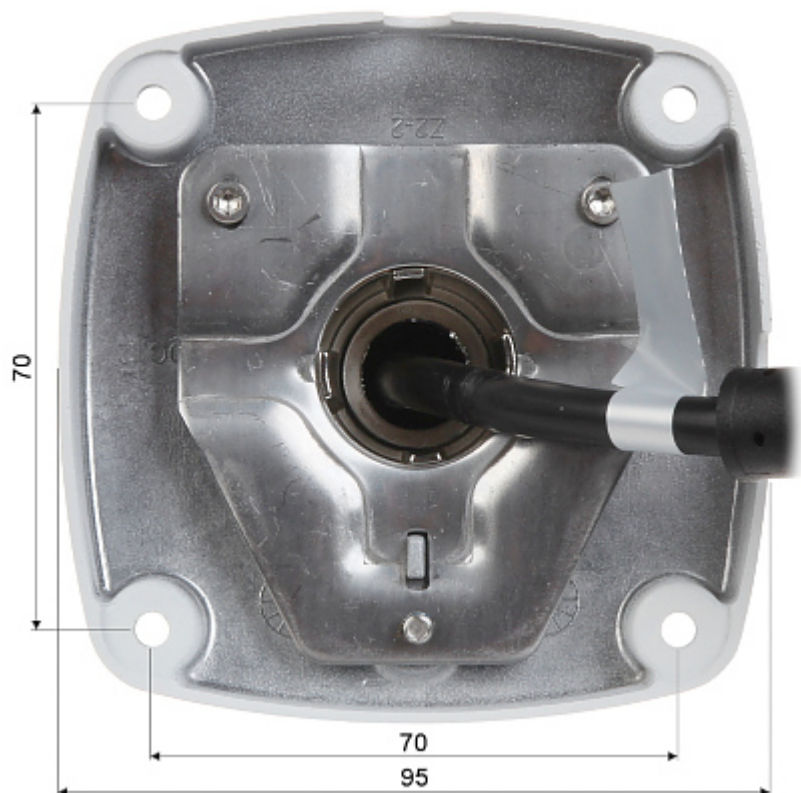
Camera connectors:



Connectors description:



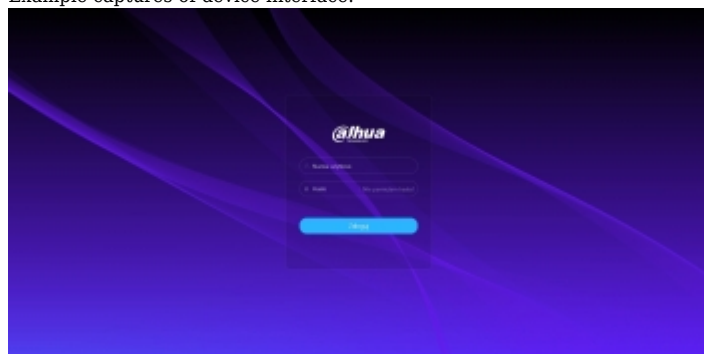
Mounting side view:

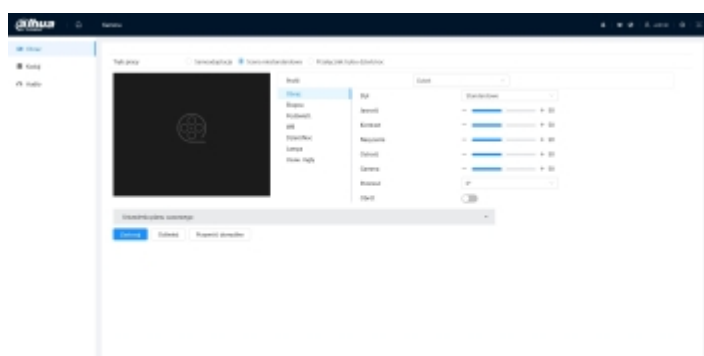
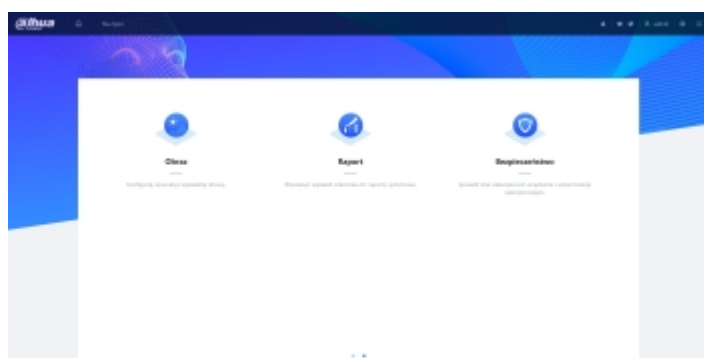
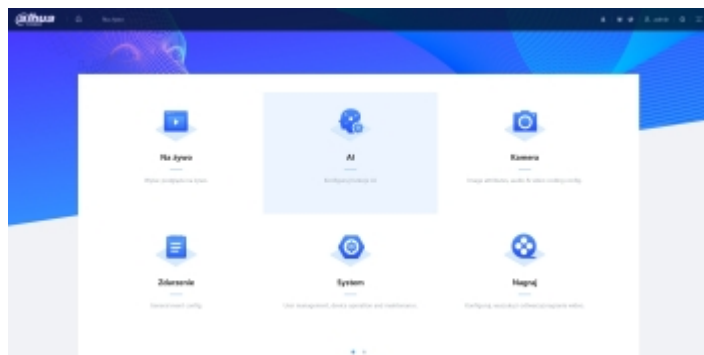


See how to initialize DAHUA cameras:
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In the kit:



Example captures of device interface:





OUR TESTS

Camera image at artificial illumination (about 30Lux):



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



DELTA-OPTI Monika Matysiak; <https://www.delta.poznan.pl>
POL; 60-713 Poznań; Graniczna 10
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Camera image at direct strong light opposite to camera:



OUR OPINIONS



- Motozoom lens.
- The camera has extensive functions of intelligent image analysis.

PACKAGE

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