

Code: IPC-HDBW3842R-ZAS-2712

IP VANDALPROOF CAMERA **IPC-HDBW3842R-ZAS-2712** - 8.3 Mpx 4K UHD
2.7 ... 12 mm - MOTOZOOM DAHUA
Net: **654.83 EUR** Gross: **654.83 EUR**

IP camera with efficient H.265 / H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 3840 x 2160 - 4K. 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.

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



SPECIFICATION

Standard:	TCP/IP
Sensor:	1/1.8 " Progressive Scan CMOS
Matrix size:	8.3 Mpx
Resolution:	3840 x 2160 - 8.3 Mpx 4K UHD , 3072 x 2048 - 6.3 Mpx , 3072 x 1728 - 5.3 Mpx , 2592 x 1944 - 5 Mpx , 2688 x 1520 - 4 Mpx , 2560 x 1440 - 3.7 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
Lens:	2.7 ... 12 mm - Motozoom
View angle:	• 113 ° ... 47 ° (manufacturer data) • 101 ° ... 46 ° (our tests result)
Range of IR illumination:	40 m
RS-485 interface:	—
Image compression method:	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Memory card slot:	Micro SD memory cards up to 256GB support (possible local recording)
Alarm inputs / outputs:	1 / 1

Audio:	• Microphone built-in, • External microphone input • Audio output • Bi-directional audio streaming support • 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, PPPoE, SNMP, P2P
WEB Server:	Built-in, Web Viewer
Max. number of on-line users:	20
ONVIF:	22.06
Main stream frame rate:	25 fps @ 8.3 Mpx
Mobile phones support:	Port no.: 37777 or access by a cloud (P2P) • Android: Free application DMSS • iOS (iPhone): Free application DMSS
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
Main features:	• Motozoom lens • WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • ROI - improve the quality of selected parts of image • 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 • AFSA - Anti-flicker Self-adaption - The technology eliminates the tiring eyes flickering image effect • Quick Pick - AI technology enabling, together with the recorder, quick identification of interesting objects (people/vehicles) based on an artificial intelligence algorithm. It allows to extract and compare the colors of clothes and vehicles • SMD 4.0 - searching for an object classified as: human, motor vehicle - increased detection distance and resistance to false alarms • BLC/HLC - Back Light / High Light Compensation • Possibility to change the resolution, quality and bit rate • Motion Detection • Configurable Privacy Zones • ICR - Movable InfraRed filter • Image rotation and mirror • IVS analysis : crossing the line (tripwire), intrusion - classification of people and vehicles, video tampering
Power supply:	• PoE (802.3af), • 12 V DC / 600 mA
Power consumption:	• ≤ 8.5 W @ PoE, • ≤ 7.2 W @ 12 V DC
Housing:	Dome - Metal
Color:	White
"Index of Protection":	IP67



Vandal-proof:	IK10
Operation temp:	-30 °C ... 60 °C
Weight:	0.55 kg
Dimensions:	Ø 122 x 94 mm
Supported languages:	Polish, English, Czech, French, Spanish, Dutch, German, Portuguese, Russian, Turkish, Ukrainian, Hungarian, Italian
Manufacturer / Brand:	DAHUA
Guarantee:	3 years

PRESENTATION

Camera view after remove the Dome cover:



Memory card slot and "Reset" button:



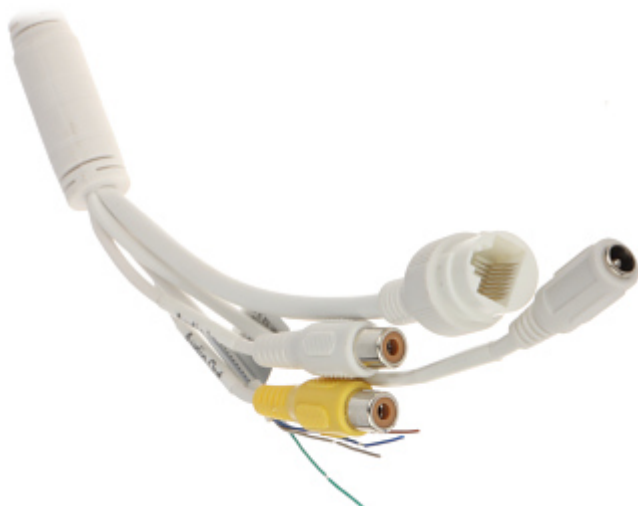
Mounting side view:



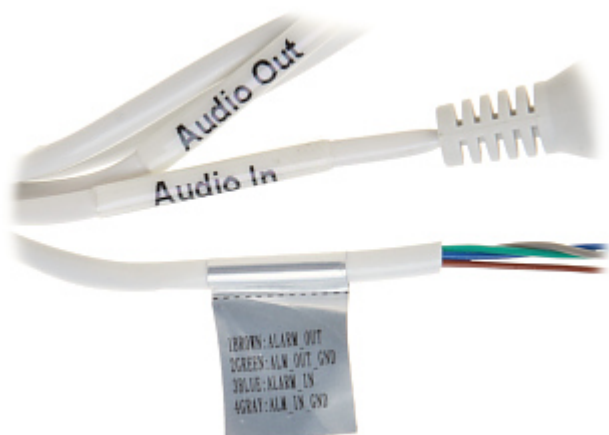
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Connectors:



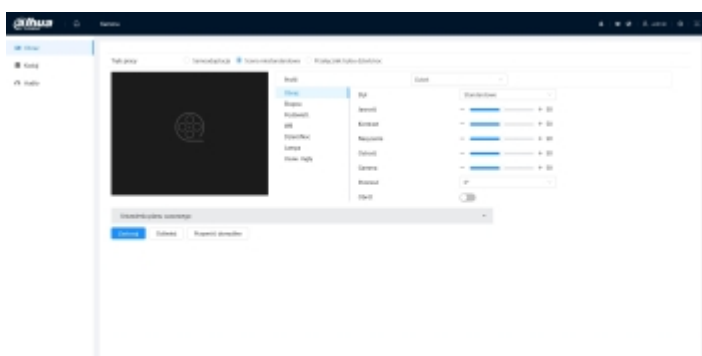
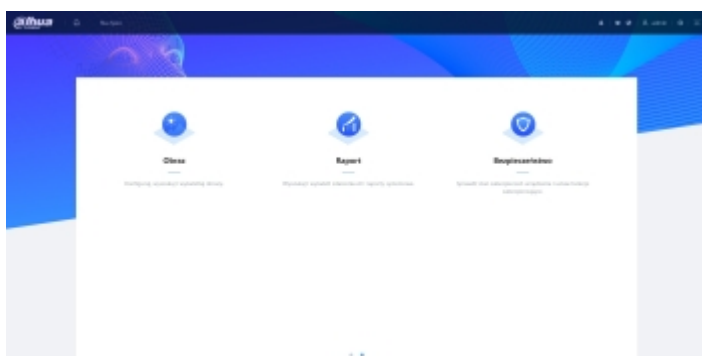
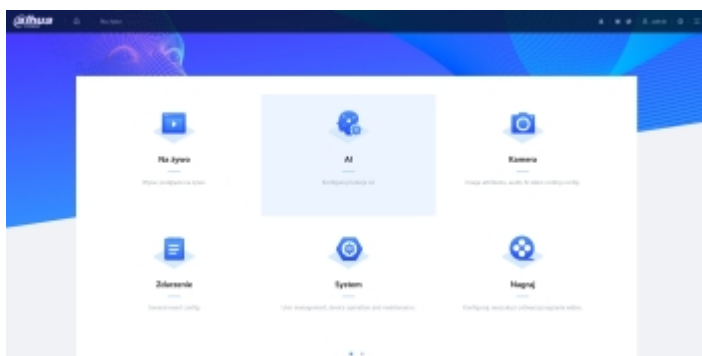
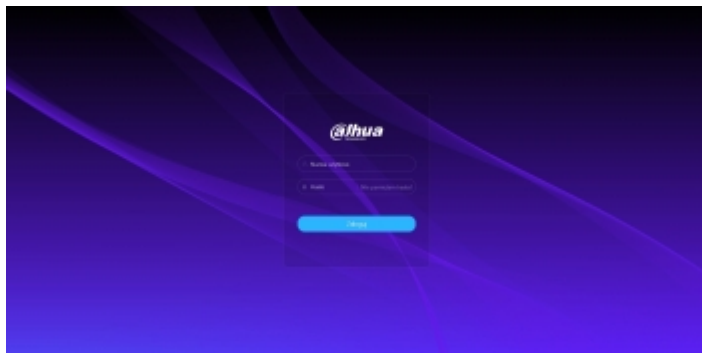
Connectors description:



See how to initialize DAHUA cameras:

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Example captures of device interface:



In the kit:



OUR TESTS

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Camera image at artificial illumination (about 30Lux):



Camera image at night conditions with internal built-in IR 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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