

Code: IPC-HDBW5442E-ZE-2712-DC12AC24V-S3

IP VANDALPROOF CAMERA **IPC-HDBW5442E-ZE-2712-DC12AC24V-S3**

WizMind S - 4 Mpx 2.7 ... 12 mm - MOTOZOOM DAHUA

Net: **653.15 EUR** Gross: **653.15 EUR**

IP camera with efficient H.265 / H.264 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 802.3at 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 cat. 5e twisted-pair.

The camera has extensive functions of intelligent image analysis.



SPECIFICATION

Standard:	TCP/IP
Sensor:	1/1.8 " Progressive Scan CMOS
Matrix size:	4 Mpx
Resolution:	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:	• 115 ° ... 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 512GB support (possible local recording)
Alarm inputs / outputs:	2 / 1

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, RTCP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, QoS, UPnP, NTP, Multicast, ICMP, IGMP, NFS, SAMBA, 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 @ 5 Mpx
Mobile phones support:	Port no.: 37777 or access by a cloud (P2P) • Android: Free application DMSS • iOS (iPhone): Free application DMSS
Default admin user / password:	admin / - The administrator password should be set at the first start
Default IP address:	192.168.1.108
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:	• WDR - 140 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • ROI - improve the quality of selected parts of image • F-DNR (Defog) - Reduction of image noise caused by precipitation • SMD 3.0 - searching for an object classified as: human, motor vehicle • NAS - Network Attached Storage support • BLC/HLC - Back Light / High Light Compensation • Day/night mode • ICR - Movable InfraRed filter • Auto White Balance • AGC - Automatic Gain Control • Image rotation and mirror • Smart motion detection (with recognizing people and vehicles) • Configurable Privacy Zones • 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, parking detection, scene changing, abandoned/missing object, detection of people gathering, counting people entering and leaving the area, people counting - Supports area or queue management and the ability to configure up to 4 rules, face detection - supports 6 types of facial attributes extraction
Power supply:	• ePoE, • PoE (802.3af), • 12 V DC / 1.03 mA, • 24 V AC / 520 mA
Power consumption:	• ≤ 9.3 W @ 12 V DC • ≤ 11 W @ 24 V AC • ≤ 11.7 W @ PoE
Housing:	Dome - Metal



Color:	White
"Index of Protection":	IP67
Vandal-proof:	IK10
Operation temp:	-30 °C ... 60 °C
Weight:	0.91 kg
Dimensions:	Ø 159 x 118 mm
Supported languages:	Polish, English, Czech, French, Spanish, Dutch, German, Portuguese, Russian, Romanian, Turkish, Ukrainian, Hungarian, Italian
Manufacturer / Brand:	DAHUA
Guarantee:	5 years

PRESENTATION

Camera view after remove the Dome cover:



Internal view:



Memory card slot:



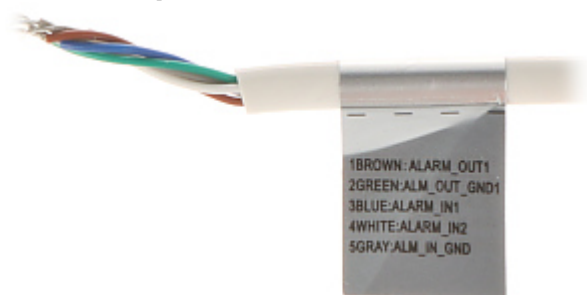
Camera connectors:



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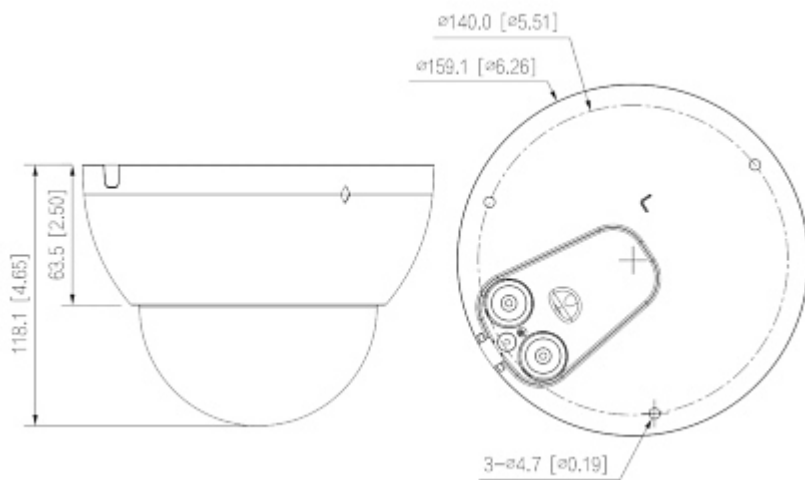
Connectors description:



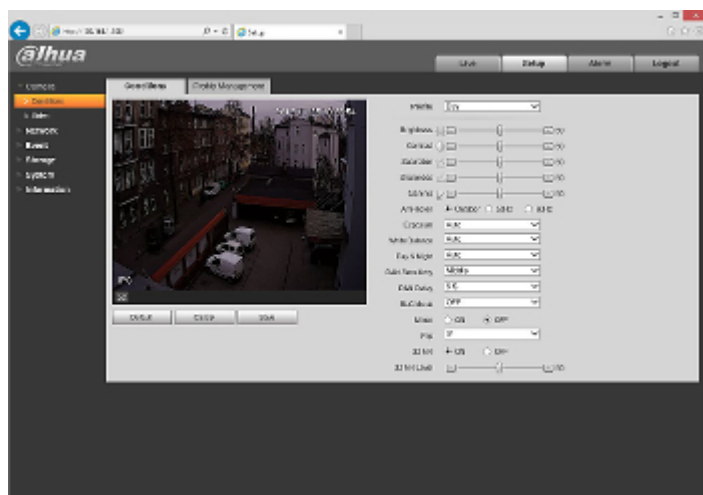
Mounting side view:



Camera dimensions:



Example captures of device interface:



See how to initialize DAHUA cameras:

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In the kit:



OUR TESTS

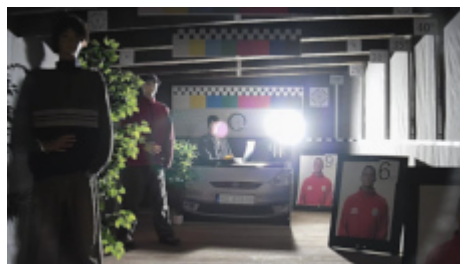
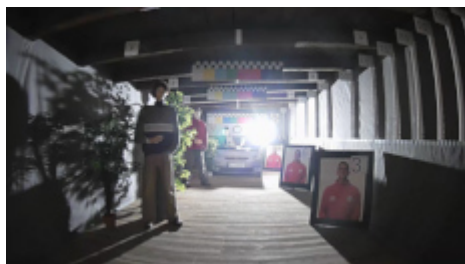
Camera image at artificial illumination (about 30Lux):



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



Camera image at direct strong light opposite to camera:



OUR OPINIONS



- 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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