

Code: DH-IPC-HFW5231EP-Z1

# IP VANDALPROOF CAMERA **DH-IPC-HFW5231EP-Z1** - 1080p 5.3 ... 64 mm - **MOTOZOOM** DAHUA

Net: **395.19 EUR** Gross: **486.08 EUR**

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 1920 x 1080 (1080p). Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition. The used motozoom lens with 5.3 ... 64 mm focal length allows to remote view angle adjustment.

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 cat. 5e twisted-pair.



## SPECIFICATION

Standard:	TCP/IP
Sensor:	1/2.8 " Progressive Scan CMOS
Matrix size:	2.1 Mpx
Resolution:	1920 x 1080 - 1080p 1280 x 1024 - 1.4 Mpx 1280 x 960 - 1.3 Mpx 1280 x 720 - 720p
Lens:	5.3 ... 64 mm - <b>Motozoom</b>
View angle:	<ul style="list-style-type: none"><li>• 59 ° ... 5 ° (manufacturer data)</li><li>• 57 ° ... 4.6 ° (our tests result)</li></ul>
Compression:	H.265 / H.265+ / H.264 / H.264+ / MJPEG
S/N ratio:	> 50 dB (AGC off)
Range of IR illumination:	200 m
Alarm inputs / outputs:	2 / 1
Bitrate:	24 ... 9472 kbps - H.264 14 ... 5632 kbps - H.265
Main stream frame rate:	50 fps @ 1080p
Audio:	<ul style="list-style-type: none"><li>• External microphone input</li><li>• Audio output</li><li>• Bi-directional audio streaming support</li><li>• Audio detection</li></ul>
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)
Network interface:	10/100 Base-T (RJ-45)

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Network protocols:	HTTP, HTTPS, IPv4/IPv6, TCP, RTSP, RTP, UDP, SMTP, FTP, DHCP, DNS, DDNS, PPPoE, UPnP, NTP, QoS, Bonjour, IEEE 802.1x, Multicast, ICMP, IGMP, SNMP
Mobile phones support:	Port no.: 37777 or access by a cloud (P2P) <ul style="list-style-type: none"> <li>• Android: Free application <a href="#">gDMSS Plus</a> or <a href="#">DMSS</a>, Android: Free application <a href="#">IMOU</a></li> <li>• iOS (iPhone): Free application <a href="#">iDMSS Plus</a> or <a href="#">DMSS</a>, iOS (iPhone): Free application <a href="#">IMOU</a></li> </ul>
Default admin user / password:	admin / admin
Default IP address:	192.168.1.108
Web browser access ports:	80, 37777
PC client access ports:	37777
WEB Server:	Built-in, NVR compliance
Mobile client access ports:	37777
Max. number of on-line users:	20
ONVIF:	16.12
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
RS-485 interface:	—
Main features:	<ul style="list-style-type: none"> <li>• Motozoom lens</li> <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>• AGC - Automatic Gain Control</li> <li>• WB - White Balance (ATW/AWB/manual/indoor/outdoor)</li> <li>• BLC - configurable Back Light Compensation</li> <li>• HLC - High Light Compensation (spot)</li> <li>• ICR - Movable InfraRed filter</li> <li>• Day/Night mode (color/b&amp;w/auto)</li> <li>• Audio detection</li> <li>• IVS analysis - intrusion, crossing the line (tripwire), scene changing, abandoned/missing object, face detection</li> <li>• Audio detection</li> <li>• Motion Detection</li> <li>• Configurable Privacy Zones</li> <li>• Mirror - Mirror image</li> <li>• Sharpness - sharper image outlines</li> </ul>
Operation temp:	-30 °C ... 60 °C
Power supply:	<ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• ePoE,</li> <li>• 12 V DC / 940 mA</li> </ul>
Power consumption:	< 12.95 W
Housing:	Compact, Metal / Plastic
"Index of Protection":	IP67
Vandal-proof:	IK10
Color:	White
Supported languages:	English, Polish
Manufacturer / Brand:	DAHUA
Weight:	1.14 kg
Dimensions:	273 x 95 x 95 mm
Guarantee:	<b>3 years</b>

## PRESENTATION



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Side view:



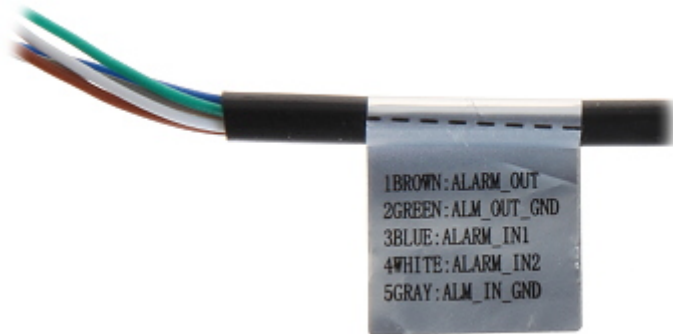
Bottom view:



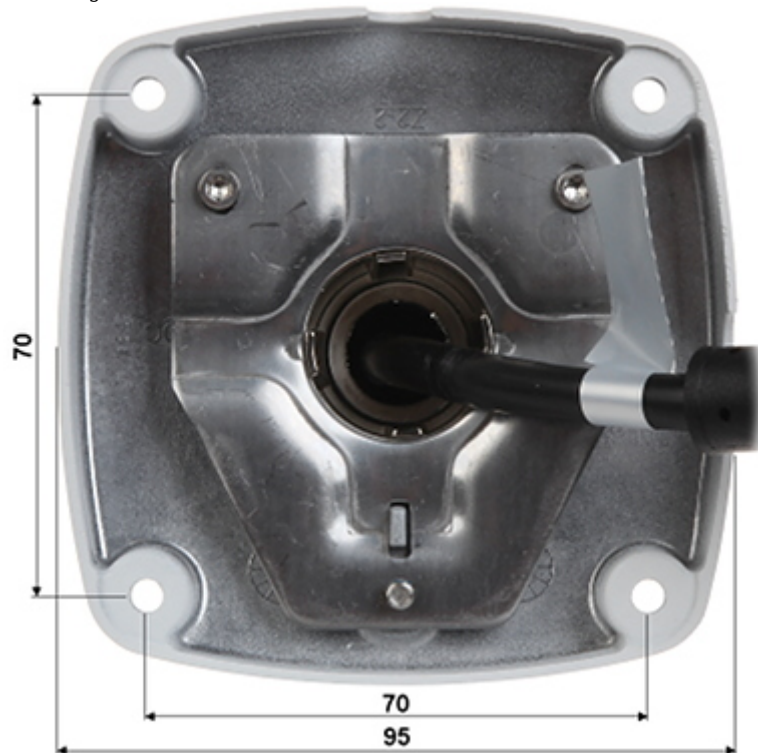
Camera connectors:



Connectors description:



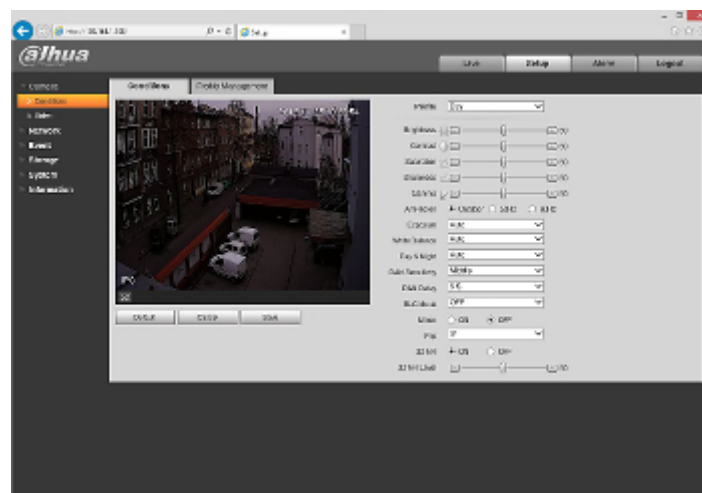
Mounting side view:



In the kit:



Example captures of device interface:



See the ability of operation in imou cloud:

:

## OUR TESTS

Camera image at artificial illumination (about 30Lux):

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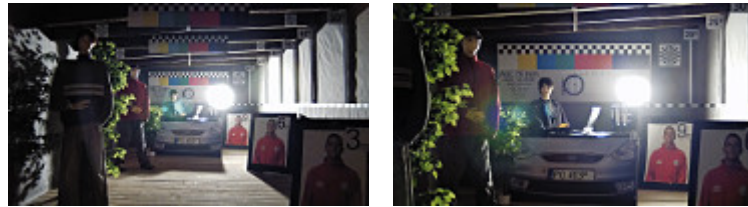




Camera image at night conditions with internal built-in IR illuminator on:



Camera image at direct strong light opposite to camera:



## OUR OPINIONS



- Motozoom lens.