

Code: DH-IPC-HFW5431EP-ZE-

IP VANDALPROOF CAMERA **DH-IPC-HFW5431EP-ZE** - 4.0 Mpx, 7 ... 35 mm - MOTOZOOM DAHUA Net: **398.85 EUR** Gross: **398.85 EUR**

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 2688 x 1520 (4.0 MPx). Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition.

The used motozoom lens with 7 ... 35 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 cat. 5e twisted-pair.



SPECIFICATION

Standard:	TCP/IP
Sensor:	1/3 " Progressive Scan CMOS
Matrix size:	4.0 Mpx
Resolution:	2688 x 1520 - 4.0 Mpx , 2560 x 1440 - 3.6 Mpx , 2304 x 1296 - 3.0 Mpx , 1920 x 1080 - 1080p 1280 x 1024 - 1.4 Mpx 1280 x 960 - 1.3 Mpx 1280 x 720 - 720p
Lens:	7 ... 35 mm - Motozoom
View angle:	• 33 ° ... 13 ° (manufacturer data) • 32 ° ... 9.5 ° (our tests result)
Compression:	H.265 / H.265+ / H.264 / H.264+ / MJPEG
S/N ratio:	> 50 dB
Range of IR illumination:	100 m
Alarm inputs / outputs:	2 / 1
Bitrate:	• 24 ... 10240 kbps - H.264 • 14 ... 9984 kbps - H.265
Main stream frame rate:	25 fps @ 4.0 Mpx
Audio:	• External microphone input • Audio output • Bi-directional audio streaming support • Audio detection
Network interface:	10/100 Base-T (RJ-45)

Network protocols:	HTTP, HTTPS, TCP, IPv4/IPv6, ARP, RTSP, RTP, UDP, SMTP, FTP, DHCP, DNS, DDNS, PPPoE, QoS, UPnP, NTP, Bonjour, IEEE 802.1x, Multicast, ICMP, IGMP, SNMP
Default IP address:	192.168.1.108
Default admin user / password:	admin / admin
Web browser access ports:	80, 37777
PC client access ports:	37777
WEB Server:	Built-in, NVR compliance
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)
Mobile client access ports:	37777
Max. number of on-line users:	20
Port ONVIF:	80
ONVIF:	16.12
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
Mobile phones support:	Port no.: 37777 or access by a cloud (P2P) • Android: Free application DMSS , Android: Free application IMOU • iOS (iPhone): Free application DMSS , iOS (iPhone): Free application IMOU
RS-485 interface:	—
Main features:	• Motozoom lens • WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • ROI - improve the quality of selected parts of image • ICR - Movable InfraRed filter • Motion Detection • IVS analysis : crossing the line (tripwire), intrusion, abandoned/missing object, face detection • WB - White Balance (ATW/AWB/manual/indoor/outdoor) • BLC - configurable Back Light Compensation • HLC - High Light Compensation (spot) • Configurable Privacy Zones • D-ZOOM - Digital Zoom • Mirror - Mirror image • Sharpness - sharper image outlines
Power supply:	• ePoE, • PoE (802.3af), • 12 V DC / 1070 mA
Power consumption:	< 12.95 W
Operation temp:	-40 °C ... 60 °C
Housing:	Compact, Metal / Plastic
Color:	White
"Index of Protection":	IP67
Vandal-proof:	IK10
Supported languages:	English, Polish
Weight:	1.11 kg
Dimensions:	273 x 95 x 95 mm
Manufacturer / Brand:	DAHUA
Guarantee:	3 years

PRESENTATION



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



Side view:



Bottom view:



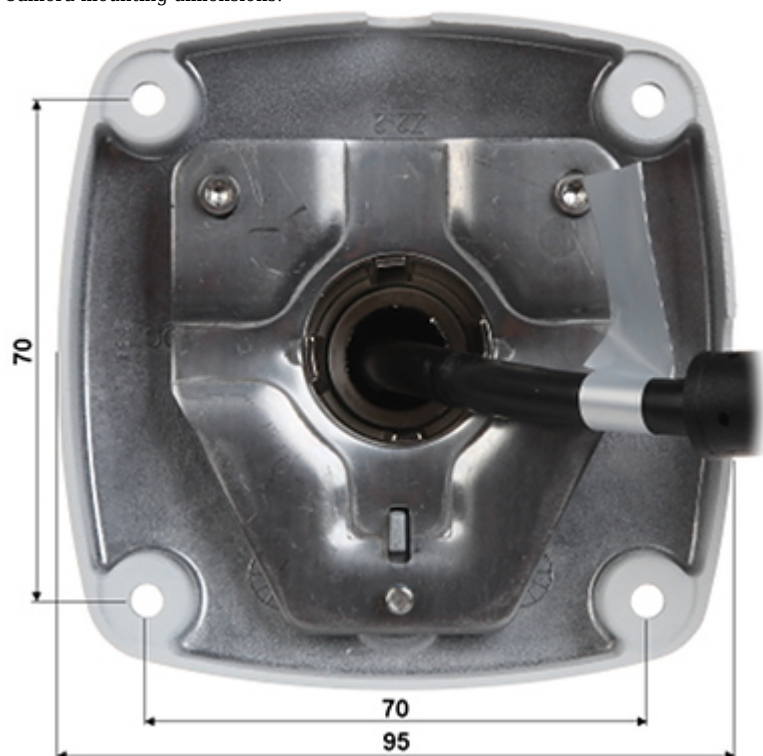
Camera connectors:



Connectors description:



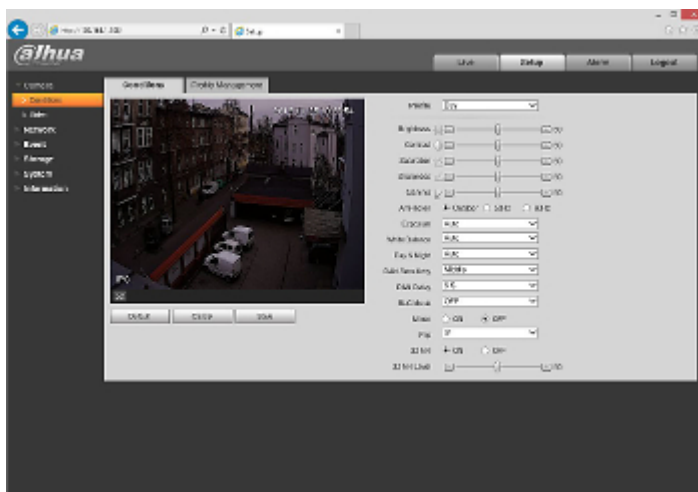
Camera mounting dimensions:



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):



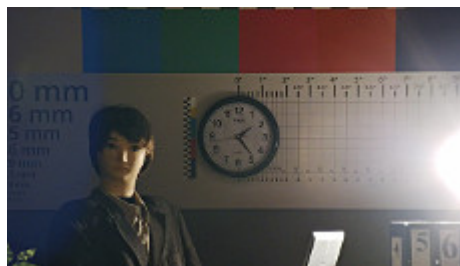
DELTA-OPTI Monika Matysiak; <https://www.delta.poznan.pl>
 POL; 60-713 Poznań; Graniczna 10
 e-mail: delta-opti@delta.poznan.pl; tel: +(48) 61 864 69 60



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.

PACKAGE

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