

Code: DH-IPC-HFW8331EP-ZH-

IP VANDALPROOF CAMERA **DH-IPC-HFW8331EP-ZH-** - 3.0 Mpx 7 ... 35 mm - MOTOZOOM DAHUA

Net: **562.02 EUR** Gross: **562.02 EUR**

IP camera with efficient H.264/H.265/MJPEG image compression algorithm for clear and smooth video streaming at maximal resolution of 2048 x 1536 (3.0 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. PoE powering possibility, compatible with the 802.3at standard makes the device more universal and easier to install.



SPECIFICATION

Standard:	TCP/IP
Sensor:	1/2.8 " STARVIS™ CMOS
Matrix size:	3.0 Mpx
Resolution:	2048 x 1536 - 3.0 Mpx , 1920 x 1080 - 1080p 1280 x 960 - 1.3 Mpx 1280 x 720 - 720p
Lens:	7 ... 35 mm - Motozoom
View angle:	• 32 ° ... 11 ° (manufacturer data) • 31 ° ... 9.5 ° (our tests result)
Compression:	H.265 / H.264 / MJPEG
S/N ratio:	> 50 dB (AGC off)
Range of IR illumination:	100 m
Alarm inputs / outputs:	2 / 1
Bitrate:	• 24 kb/s ... 10240 kb/s - H.264 • 14 kb/s ... 9216 kb/s - H.265
Main stream frame rate:	50 fps @ 3.0 Mpx
Network interface:	10/100 Base-T (RJ-45)
Audio:	• External microphone input • Audio output • Bi-directional audio streaming support • Audio detection
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)
Network protocols:	HTTP, HTTPS, TCP, ARP, RTSP, RTP, UDP, SMTP, FTP, DHCP, DNS, DDNS, PPPoE, IPv4/IPv6, QoS, UPnP, NTP, Bonjour, IEEE 802.1x, Multicast, ICMP, IGMP, SNMP

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Default IP address:	192.168.1.108
Web browser access ports:	80, 37777
Default admin user / password:	admin / admin
PC client access ports:	37777
Mobile client access ports:	37777
WEB Server:	Built-in, NVR compliance
Max. number of on-line users:	20
Port ONVIF:	80
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
ONVIF:	16.12
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:	• U-WDR - 140 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 • EIS - Electronic Image Stabilization • ICR - Movable InfraRed filter • WB - White Balance (ATW/AWB/manual/indoor/outdoor) • BLC - configurable Back Light Compensation • HLC - High Light Compensation (spot) • Motion Detection • Audio detection • Configurable Privacy Zones • Mirror - Mirror image • Sharpness - sharper image outlines • Heat map - the selection in the image by corresponding colors the areas with different traffic • IVS analysis : crossing the line (tripwire), intrusion, abandoned/missing object, face detection, people counting • D-ZOOM - Digital Zoom
Power supply:	• PoE (802.3at), • 12 V DC / 1090 mA - Heater on
Power consumption:	≤ 13 W
Housing:	Compact, Metal / Plastic
"Index of Protection":	IP67
Vandal-proof:	IK10
Color:	White / Black
Operation temp:	-40 °C ... 60 °C
Supported languages:	English, Polish
Manufacturer / Brand:	DAHUA
Weight:	1.17 kg
Dimensions:	273 x 95 x 96 mm
Guarantee:	3 years

PRESENTATION



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Side view:



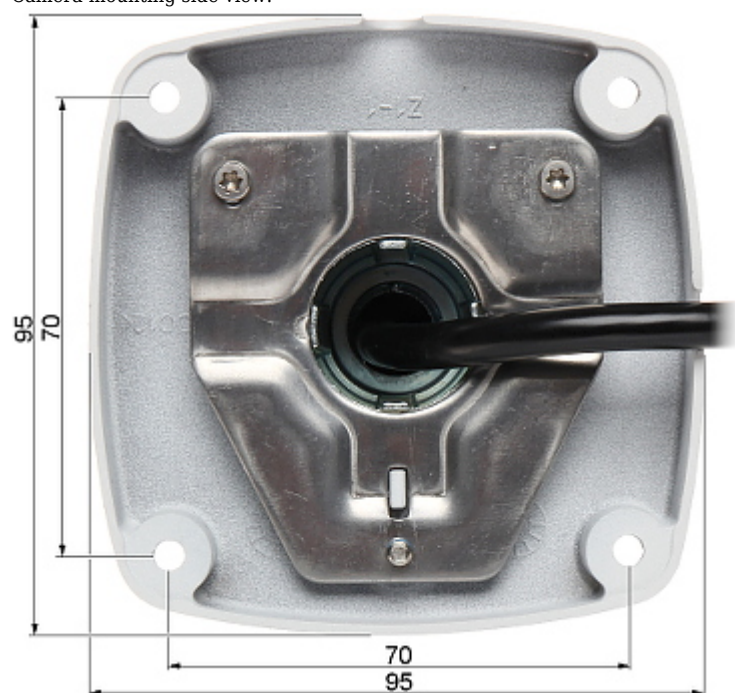
Bottom view:



Bottom view (after remove the cover):



Camera mounting side view:



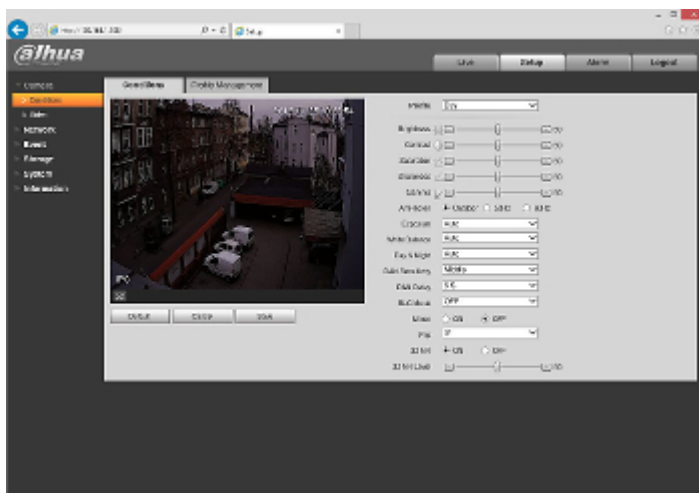
Connectors description:



In the kit:



Example captures of device interface:



See the ability of operation in imou cloud:

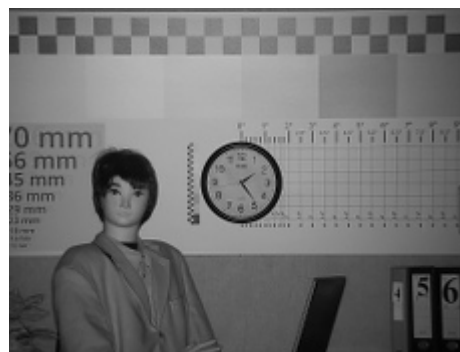
:

OUR TESTS

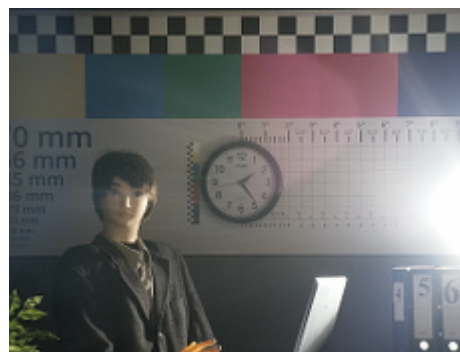
Camera image at artificial illumination (about 30Lux):



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.
- 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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