

Warning!

Please read the user manual included in this work as it contains important information related with safety of installation and use of the device.

Only persons who read the user manual may use the device.

The user manual must be kept because it may be required in the future. The device is to be used exclusively for purposes specified in this user manual.

The device must be unpacked prior to starting-up. After removing the packaging make sure the device is in working order. If the product has defects, it should not be used until it is repaired.

The product is intended for use at home and commercial use and may not be used for other than intended use.

The manufacturer is not liable for damages resulting from not adhering to the rules contained in the user manual, therefore, we recommend to follow the aforementioned safety rules for operation and maintenance of the device. In this way you will ensure yourself safety and avoid causing damage to the device.

The manufacturer and the supplier are not liable for losses or damages arising out of the product, including financial or intangible losses, loss of profits, income, data, pleasure from use of the product or other products related with it - indirect, incidental or consequential loss or damage. The above provisions apply whether the loss or damage concerns:

1. Deterioration of quality or the lack of operation of the products or products related with it due to damage as well as the lack of access to the product when it is undergoing repair, which results in stoppage the loss of user's time or a break in business activity; 2. Improper results of operation of the product or products related with it;

3. It applies to losses and damages according to any legal category, including negligence and other losses, termination of a contract, expressed or implied guarantee and strict liability (even if the manufacturer or the supplier was notified about the possibility of occurrence of such damages).

Safety measures:

Particular attention at designing was directed to quality standards of the device where ensuring safety of operation is the most important factor.

The device must be secured against contact with caustic, staining and viscous fluids.

The device was designed in such a way that it restarts operation when power supply is restored after a break.

Attention! We recommend using protections to further protect the device from possible overvoltages in installations. Surge protectors are effective protection against accidental pass to the device voltages higher than the rated. Damages caused by pass the voltages higher than specified in manual, are not under warranty.

Turn off the device before transporting it.

Prior to connecting the device to a power source check whether the supplied voltage is consistent with rated voltage specified in the user manual.

Proper product disposal:

A marking of a crossed out waste bin indicates that the product may not be disposed together with other household waste in the entire EU. To avoid possible damage to the natural environment of health due to uncontrolled waste disposal, therefore, it should be handed over for recycling, propagating in this way sustainable use of natural resources.

To return a worn-out product, use a collection and disposal system of this type of equipment or contact a seller from whom it was purchased. He will then be recycled in an environmentally-friendly way.





User Manual Code: DH-IPC-HF8231FP IP CAMERA DH-IPC-HF8231FP - 1080p DAHUA

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). Very easy operation by Internet Explorer browser allows the users to convenient and remote support, and also remote management of the camera. Included camera software enables management and integrated monitoring of many network cameras.

and integrated monitoring of many network cameras. IVS analysis - crossing the line (tripwire), intrusion, scene changing, abandoned/missing object, face detection, people counting.

PoE powering possibility, compatible with the 802.3af standard makes the device more universal and easier to install.

Standard:	TCP/IP
Sensor:	1/2.8 " Progressive Scan CMOS
Matrix size:	2.1 Mpx
Resolution:	1920 x 1080 - 1080p , 1280 x 960 - 1.3 Mpx , 1280 x 720 - 720p
Video output:	1 Vpp / 75 Ω
Lens:	-
Auto Iris socket:	DC
Min. illumination:	• 0.002 Lux (color) / F1.2 • 0.0002 Lux (B/W) / F1.2
S/N ratio:	> 50 dB
Image compression method:	H.265 / H.264
Alarm inputs / outputs:	2 / 2
RS-485 interface:	×
Protocols:	Pelco-D, Pelco-P and others
Bitrate:	24 kbps 10240 kbps - H.264 14 kbps 6144 kbps - H.265
Main stream frame rate:	50 fps - 1080p
Network interface:	10/100 Base-T (RJ-45)



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Network protocols:	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour	
Audio:	 Microphone built-in 2 x Audio input 1 x Audio output Bi-directional audio streaming support Audio detection 	
WEB Server:	Built-in, NVR compliance	
Max. number of on-line users:	20	
ONVIF:	2.42	
Memory card slot:	Micro SD memory cards up to 64GB support (possible local recording)	
Mobile phones support:	Port no.: 37777 or access by a cloud (P2P) • Android: Free application <u>DMSS</u> • iOS (iPhone): Free application <u>DMSS</u>	
Default admin user / password:	admin / admin	
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:	 ICR - Movable InfraRed filter 3D-DNR - Digital Noise Reduction WDR - 140 dB - Wide Dynamic Range AGC - Automatic Gain Control ABF - (Auto Back Focus) - auto focus correction during day/night operation modes switching F-DNR (Defog) - Reduction of image noise caused by precipitation BLC - configurable Back Light Compensation HLC - High Light Compensation (spot) Day/Night mode (color/b&w/auto) Motion Detection IVS analysis : crossing the line (tripwire), intrusion, abandoned/missing object, face detection, people counting, heat map Audio detection Configurable Privacy Zones Mirror - Mirror image Sharpness - sharper image outlines 	
Power supply:	 PoE (802.3af), 12 V DC / 460 mA, 24 V AC / 230 mA 	
Power consumption:	< 5.5 W	
Housing:	BOX, Metal	
Color:	White / Black	
Operation temp:	-30 °C 60 °C	



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Weight:	0.775 kg
Dimensions:	162 x 86 x 74 mm
Manufacturer / Brand:	DAHUA
Supported languages:	English, Polish
Guarantee:	3 years

Front view:



Side view:



Bottom view:



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Rear view:



Dimensions:



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DH-IPC-HF8231FP



161.6 [6.36"]	85.5 [3.37*]
149.9 [5.9"]	
	74.0 [2.917]
In the kit:	
alh	ua
Sieciowa, megapikselowa kar HD do pomieszczeń firmy Da Krótka instrukcja obsługi	ihua
Wersja 1.0.0	
	12
Dahua Technology CO., LTD	

PACKAGE

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

