

Code: DH-IPC-HFW5231EP-Z5

## IP CAMERA **DH-IPC-HFW5231EP-Z5** -0735 - 1080p 7 ... 35 mm - MOTOZOOM 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). 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 802.3af standard makes the device more universal and easier to install.



Standard:	TCP/IP
Sensor:	1/2.8 " STARVIS™ 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:	7 ... 35 mm - Motozoom
View angle:	<ul style="list-style-type: none"> <li>• 35 ° ... 12 ° (manufacturer data)</li> <li>• 33 ° ... 10 ° (our tests result)</li> </ul>
Range of IR illumination:	100 m
Compression:	H.265 / H.264 / MJPEG
S/N ratio:	> 50 dB (AGC off)
Alarm inputs / outputs:	2 / 1
Bitrate:	24 ... 9472 kbps - H.264 14 ... 5632 kbps - H.265
Main stream frame rate:	50 fps @ 1080p



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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)
Network protocols:	HTTP, HTTPS, IPv4/IPv6, TCP, ARP, RTSP, RTP, UDP, SMTP, FTP, DHCP, DNS, DDNS, PPPoE, QoS, UPnP, NTP, 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="#">DMSS</a>, Android: Free application <a href="#">IMOU</a></li><li>• iOS (iPhone): Free application <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:	2.42
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
RS-485 interface:	—
Main features:	<ul style="list-style-type: none"><li>• WDR - 120 dB - Wide Dynamic Range</li><li>• ROI - improve the quality of selected parts of image</li><li>• 3D-DNR - Digital Noise Reduction</li><li>• AGC - Automatic Gain Control</li><li>• WB - White Balance (ATW/AWB/manual/indoor/outdoor)</li><li>• ICR - Movable InfraRed filter</li><li>• BLC - configurable Back Light Compensation</li><li>• HLC - High Light Compensation (spot)</li><li>• Day/Night mode (color/b&amp;w/auto)</li><li>• Mirror - Mirror image</li><li>• Motion Detection</li><li>• Configurable Privacy Zones</li><li>• Sharpness - sharper image outlines</li><li>• D-ZOOM - Digital Zoom</li><li>• Audio detection</li><li>• IVS analysis - intrusion, crossing the line (tripwire), scene changing, abandoned/missing object, face detection</li></ul>
Operation temp:	-30 °C ... 60 °C
Color:	White
"Index of Protection":	IP67



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Power supply:	<ul style="list-style-type: none"><li>• PoE (802.3af),</li><li>• 12 V DC / 960 mA</li></ul>
Power consumption:	< 11.5 W
Housing:	Compact, Metal / Plastic
Supported languages:	English, Polish
Manufacturer / Brand:	DAHUA
Weight:	1.082 kg
Dimensions:	273 x 95 x 96 mm
Guarantee:	<b>3 years</b>