

Code: DH-IPC-HFW5221EP-Z-I

## IP CAMERA **DH-IPC-HFW5221EP-Z-I** RA-Z10 - 1080p 4.7 ... 47 mm - MOTOZOOM DAHUA

IP camera with efficient H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 1080p (2 MPx). Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition. The used motozoom lens with 4.7 ... 47 mm focal length allows to remote view angle adjustment.

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.

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



Standard:	TCP/IP
Sensor:	1/2.7 " Progressive Scan CMOS
Matrix size:	2.0 Mpx
Resolution:	1920 x 1080 - 1080p 1280 x 1024 - 1.4 Mpx 1280 x 960 - 1.3 Mpx 1280 x 720 - 720p 704 x 576 - D1
Lens:	4.7 ... 47 mm - Motozoom
View angle:	59 ° ... 6.5 °
Compression:	H.264 / MJPEG
S/N ratio:	> 56 dB (AGC off)
Range of IR illumination:	150 m
Alarm inputs / outputs:	2 / 1
Bitrate:	1024 ... 10240 kbps - H.264
Main stream frame rate:	25 fps - 1080p
Network interface:	10/100 Base-T (RJ-45)



# DATA SHEET

Network protocols:	IPv4/IPv6, HTTP, HTTPS, TCP, ARP, RTSP, RTP, UDP, SMTP, FTP, DHCP, DNS, DDNS, PPPoE, QoS, UPnP, NTP, Bonjour, IEEE 802.1x, Multicast, ICMP, IGMP, SNMP
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>
WEB Server:	Built-in, NVR compliance
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)
Max. number of on-line users:	20
ONVIF:	2.42
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 IP address:	192.168.1.108
Default admin user / password:	admin / admin
Web browser access ports:	80, 37777
PC client access ports:	37777
Mobile client access ports:	37777
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>• ICR - Movable InfraRed filter</li><li>• DNR - Digital Noise Reduction</li><li>• AGC - Automatic Gain Control</li><li>• ABF - (Auto Back Focus) - auto focus correction during day/night operation modes switching</li><li>• WB - White Balance (ATW/AWB/manual/indoor/outdoor)</li><li>• WDR - 120 dB - Wide Dynamic Range</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>• Audio detection</li><li>• IVS analysis - intrusion, crossing the line (tripwire), scene changing, abandoned/missing object, face 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:	-40 °C ... 60 °C
Color:	White
Power supply:	<ul style="list-style-type: none"><li>• PoE (802.3at),</li><li>• 24 V AC / 580 mA,</li><li>• 12 V DC / 1170 mA</li></ul>
Power consumption:	≤ 14 W



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Housing:	Compact, Metal
"Index of Protection":	IP67
Supported languages:	English, Polish
Weight:	1.60 kg
Dimensions:	297 x 124 x 108 mm
Manufacturer / Brand:	DAHUA
Guarantee:	<b>3 years</b>