

Code: DH-IPC-HFW8331EP-Z

IP CAMERA **DH-IPC-HFW8331EP-Z** - 3.0 Mpx 2.7 ... 12 mm - MOTOZOOM DAHUA

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.

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. IVS analysis - crossing the line (tripwire), intrusion, scene changing, abandoned/missing object, face detection, people counting.

The used motozoom lens with 2.7 ... 12 mm focal length allows to remote view angle adjustment.



Standard:	TCP/IP
Sensor:	1/2.8 " Megapixel Exmor R CMOS
Matrix size:	3.0 Mpx
Resolution:	2048 x 1536 - 3.0 Mpx , 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:	2.7 ... 12 mm - Motozoom
View angle:	<ul style="list-style-type: none"> • 94 ° ... 33 ° (manufacturer data) • 85 ° ... 31 ° (our tests result)
Compression:	H.265 / H.264 / MJPEG
S/N ratio:	> 50 dB (AGC off)
Range of IR illumination:	50 m
Alarm inputs / outputs:	2 / 1
Bitrate:	40 kb/s ... 10 Mbps - H.264
Main stream frame rate:	25 fps @ 3.0 Mpx
Network interface:	10/100 Base-T (RJ-45)
Default admin user / password:	admin / admin





DATA SHEET

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
Default IP address:	192.168.1.108
Audio:	<ul style="list-style-type: none">• External microphone input• Audio output• Bi-directional audio streaming support• Audio detection
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:	2.42
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) <ul style="list-style-type: none">• Android: Free application DMSS, Android: Free application IMOU• iOS (iPhone): Free application DMSS, iOS (iPhone): Free application IMOU
RS-485 interface:	—
Main features:	<ul style="list-style-type: none">• ICR - Movable InfraRed filter• 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• Heat map - the selection in the image by corresponding colors the areas with different traffic• IVS analysis - crossing the line (tripwire), intrusion, scene changing, abandoned/missing object, face detection, people counting• WB - White Balance (ATW/AWB/manual/indoor/outdoor)• BLC - configurable Back Light Compensation• HLC - High Light Compensation (spot)• Motion Detection• Configurable Privacy Zones• Mirror - Mirror image• Sharpness - sharper image outlines
Power consumption:	≤ 11 W
Operation temp:	-30 °C ... 60 °C
Color:	White
"Index of Protection":	IP67
Power supply:	<ul style="list-style-type: none">• PoE (802.3af),• 12 V DC / 920 mA
Housing:	Compact, Metal / Plastic



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Supported languages:	English, Polish
Manufacturer / Brand:	DAHUA
Weight:	1.092 kg
Dimensions:	273 x 95 x 95 mm
Guarantee:	3 years