

Code: DH-IPC-HFW5830EP-Z

IP CAMERA **DH-IPC-HFW5830EP-Z** - 8.3 Mpx 2.7 ... 12 mm - MOTOZOOM DAHUA

IP camera with efficient H.264/H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 3840 x 2160 (8.3 MPx). Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition. The used motozoom lens with 2.7 ... 12 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:	1/2.5 " Progressive Scan CMOS
Matrix size:	8.3 Mpx
Resolution:	3840 x 2160 - 8.3 Mpx , 3072 x 2048 - 6.3 Mpx , 3072 x 1728 - 5.3 Mpx , 2592 x 1944 - 5.0 Mpx , 2688 x 1520 - 4.0 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 1024 - 1.4 Mpx , 1280 x 960 - 1.3 Mpx , 1280 x 720 - 720p
Lens:	2.7 ... 12 mm - Motozoom
View angle:	• 102 ° ... 39 ° (manufacturer data) • 101 ° ... 33 ° (our tests result)
Compression:	H.265 / H.264
S/N ratio:	> 50 dB (AGC off)
Range of IR illumination:	50 m
Alarm inputs / outputs:	2 / 1
Bitrate:	24 ... 10240 kbps @ H.264 14 ... 9984 kbps @ H.265



DATA SHEET

Main stream frame rate:	15 fps @ 8.3 Mpx 20 fps @ 6.3 Mpx 25 fps @ 5.3 Mpx
Network interface:	10/100 Base-T (RJ-45)
Network protocols:	HTTP, HTTPS, TCP, ARP, RTSP, RTP, UDP, SMTP, FTP, DHCP, DNS, DDNS, PPPoE, IPv4/IPv6, QoS, UPnP, NTP, Bonjour, Multicast, ICMP, IGMP, SNMP
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)
WEB Server:	Built-in, NVR compliance
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
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) • Android: Free application DMSS, Android: Free application IMOU • iOS (iPhone): Free application DMSS, iOS (iPhone): Free application IMOU
RS-485 interface:	—
Main features:	• ICR - Movable InfraRed filter • D-WDR - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • AGC - Automatic Gain Control • WB - White Balance (ATW/AWB/manual/indoor/outdoor) • BLC - configurable Back Light Compensation • HLC - High Light Compensation (spot) • Day/Night mode (color/b&w/auto) • Audio detection • IVS analysis - intrusion, crossing the line (tripwire), scene changing, abandoned/missing object, face detection • Audio detection • Motion Detection • Configurable Privacy Zones • Mirror - Mirror image • Sharpness - sharper image outlines
Operation temp:	-30 °C ... 60 °C
Color:	White
"Index of Protection":	IP67



DATA SHEET

Power supply:	• PoE (802.3af), • 12 V DC / 940 mA
Power consumption:	< 11.5 W
Housing:	Compact, Metal / Plastic
Supported languages:	English
Weight:	1.06 kg
Dimensions:	273 x 96 x 95 mm
Manufacturer / Brand:	DAHUA
Guarantee:	3 years

