

Code: DH-IPC-HFW81230EP-Z

IP CAMERA **DH-IPC-HFW81230EP-Z** - 12.0 Mpx 4.1 ... 16.4 mm - MOTOZOOM DAHUA

IP camera with efficient H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 4000 x 3000 (12.0 MPx). Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition. The used motozoom lens with 4.1 ... 16.4 mm focal length allows to remote view angle adjustment.

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:	1/1.7 " Progressive Scan CMOS
Matrix size:	12.0 Mpx
Resolution:	4000 x 3000 - 12.0 Mpx , 4096 x 2160 - 8.8 Mpx , 3840 x 2160 - 8.0 Mpx , 3072 x 2048 - 6.3 Mpx , 2560 x 1920 - 5.0 Mpx , 2048 x 1536 - 3.1 Mpx , 2304 x 1296 - 3.0 Mpx , 1920 x 1080 - 1080p , 1280 x 1024 - 1.4 Mpx , 1280 x 960 - 1.3 Mpx , 1280 x 720 - 720p
Lens:	4.1 ... 16.4 mm - Motozoom
View angle:	85 ° ... 35 °
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:	14 kbps ... 9984 kbps - H.265 32 kbps ... 16384 kbps - H.264



DATA SHEET

Main stream frame rate:	20 fps @ 12.0 Mpx 25 fps @ 4096 x 2160 px
Network interface:	10/100 Base-T (RJ-45)
Default admin user / password:	admin / admin
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:	• 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) • 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 • 3D-DNR - Digital Noise Reduction • AGC - Automatic Gain Control • ABF - (Auto Back Focus) - auto focus correction during day/night operation modes switching • WB - White Balance (ATW/AWB/manual/indoor/outdoor) • WDR - Wide Dynamic Range • 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, scene changing, abandoned/missing object, face detection, people counting • Heat map - the selection in the image by corresponding colors the areas with different traffic • Audio detection • Configurable Privacy Zones • Mirror - Mirror image • Sharpness - sharper image outlines
Power supply:	• PoE (802.3at), • 12 V DC / 1080 mA



DATA SHEET

Power consumption:	≤ 13 W
Housing:	Compact, Metal / Plastic
Color:	White
"Index of Protection":	IP67
Supported languages:	English, Polish
Operation temp:	-40 °C ... 60 °C
Manufacturer / Brand:	DAHUA
Weight:	1.176 kg
Dimensions:	273 x 95 x 96 mm
Guarantee:	3 years

