

Code: DH-IPC-HFW81200EP-Z

IP CAMERA **DH-IPC-HFW81200EP-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.

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.



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 - 8.3 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 ° ... 34 °
Compression:	H.264 / MJPEG
S/N ratio:	> 50 dB (AGC off)
Range of IR illumination:	50 m
Alarm inputs / outputs:	2 / 1
Bitrate:	136 kb/s ... 12288 kb/s - H.264
Main stream frame rate:	15 fps @ 12.0 Mpx 25 fps @ 8.8 Mpx
Network interface:	10/100 Base-T (RJ-45)



DATA SHEET

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:	<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• DNR - Digital Noise Reduction• AGC - Automatic Gain Control• ABF - (Auto Back Focus) - auto focus correction during day/night operation modes switching• 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)• WDR - Wide Dynamic Range• BLC - configurable Back Light Compensation• HLC - High Light Compensation (spot)• Day/Night mode (color/b&w/auto)• Audio detection• Motion Detection• Configurable Privacy Zones• Mirror - Mirror image• Sharpness - sharper image outlines
Power consumption:	≤ 24 W
Color:	White
"Index of Protection":	IP67
Power supply:	<ul style="list-style-type: none">• PoE (802.3at),• 12 V DC / 2000 mA



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Housing:	Compact, Metal / Plastic
Supported languages:	English
Operation temp:	-40 °C ... 60 °C
Manufacturer / Brand:	DAHUA
Weight:	1.154 kg
Dimensions:	273 x 94 x 94 mm
Guarantee:	3 years