

Code: DH-IPC-HFW8281EP-Z

IP CAMERA **DH-IPC-HFW8281EP-Z** - 1080p 4 ... 8 mm - MOTOZOOM DAHUA

IP camera with efficient H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 1080p. Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition. The used motozoom lens with 4 ... 8 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:	1/1.9 " Progressive Scan CMOS
Matrix size:	2.1 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 ... 8 mm - Motozoom
View angle:	• 90 ° ... 58 ° (manufacturer data) • 82 ° ... 55 ° (our tests result)
Compression:	H.264 / MJPEG
S/N ratio:	> 50 dB (AGC off)
Range of IR illumination:	50 m
Alarm inputs / outputs:	2 / 1
Bitrate:	32 ... 8192 kbps - H.264
Main stream frame rate:	50 fps @ 1080p
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:	• 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 37777 • Android: Free application DMSS • iOS (iPhone): Free application DMSS
RS-485 interface:	—
Main features:	• WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • ROI - improve the quality of selected parts of image • F-DNR (Defog) - Reduction of image noise caused by precipitation • EIS - Electronic Image Stabilization • ICR - Movable InfraRed filter • 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 • 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 • Motion Detection • Configurable Privacy Zones • Mirror - Mirror image • Sharpness - sharper image outlines
Power consumption:	< 12.5 W
Operation temp:	-30 °C ... 60 °C
Color:	White
"Index of Protection":	IP66
Power supply:	• PoE (802.3af), • 12 V DC / 1000 mA



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Housing:	Compact, Metal / Plastic
Supported languages:	English
Manufacturer / Brand:	DAHUA
Weight:	1.334 kg
Dimensions:	274 x 95 x 95 mm
Guarantee:	3 years