

Code: DH-IPC-HFW5231EP-ZE-

IP VANDALPROOF CAMERA **DH-IPC-HFW5231EP-ZE-** - 1080p 7 ... 35 mm - MOTOZOOM DAHUA

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 1920 x 1080 (1080p). Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition. The used motozoom lens with 7 ... 35 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.

The device is equipped with ePoE technology which enables transmission up to 800 m at a speed of 10 Mb/s or 300 m at a speed of 100 Mb/s via cat. 5e twisted-pair.



Standard:	TCP/IP
Sensor:	1/2.8 " STARVIS™ 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
Lens:	7 ... 35 mm - Motozoom
View angle:	• 35 ° ... 12 ° (manufacturer data) • 33 ° ... 10.5 ° (our tests result)
Compression:	H.265 / H.264 / MJPEG
S/N ratio:	> 50 dB (AGC off)
Range of IR illumination:	100 m
Alarm inputs / outputs:	2 / 1
Bitrate:	24 ... 9472 kbps - H.264 14 ... 5632 kbps - H.265
Main stream frame rate:	50 fps @ 1080p



DATA SHEET

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)
Network interface:	10/100 Base-T (RJ-45)
Network protocols:	HTTP, HTTPS, IPv4/IPv6, TCP, RTSP, RTP, UDP, SMTP, FTP, DHCP, DNS, DDNS, PPPoE, UPnP, NTP, QoS, Bonjour, IEEE 802.1x, Multicast, ICMP, IGMP, SNMP
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
Default admin user / password:	admin / admin
Default IP address:	192.168.1.108
Web browser access ports:	80, 37777
PC client access ports:	37777
WEB Server:	Built-in, NVR compliance
Mobile client access ports:	37777
Max. number of on-line users:	20
ONVIF:	16.12
Port ONVIF:	80
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
RS-485 interface:	—
Main features:	• WDR - 120 dB - 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) • ICR - Movable InfraRed filter • 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
Vandal-proof:	IK10



DATA SHEET

Power supply:	• PoE (802.3af), • ePoE, • 12 V DC / 940 mA
Power consumption:	< 12.95 W
Housing:	Compact, Metal / Plastic
Supported languages:	English, Polish
Manufacturer / Brand:	DAHUA
Weight:	1.09 kg
Dimensions:	273 x 95 x 95 mm
Guarantee:	3 years

