

Code: IPC-HFW8231E-ZEH

IP VANDALPROOF CAMERA **IPC-HFW8231E-ZEH** - 1080p 2.7 ... 12 mm - MOTOZOOM DAHUA

IP camera with efficient H.265 / H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 1080p. The used motozoom lens with 2.7 ... 12 mm focal length allows to remote view angle adjustment. PoE powering possibility, compatible with the 802.3at 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 960 - 1.3 Mpx 1280 x 720 - 720p
Lens:	2.7 ... 12 mm - Motozoom
View angle:	<ul style="list-style-type: none"> • 114 ° ... 36 ° (manufacturer data) • 98 ° ... 34 ° (our tests result)
Compression:	H.265+ / H.265 / H.264+ / H.264 / MJPEG
S/N ratio:	> 50 dB
Range of IR illumination:	50 m
Alarm inputs / outputs:	2 / 1
Bitrate:	<ul style="list-style-type: none"> • 24 ... 10240 kbps - H.264 • 14 ... 6144 kbps - H.265
Main stream frame rate:	50 fps @ 1080p
Network interface:	100/1000 Base-T (RJ-45)



DATA SHEET

Default admin user / password:	admin / - The administrator password should be set at the first start
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, ARP, TLS
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, 443
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:	16.12
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• iOS (iPhone): Free application DMSS
RS-485 interface:	—
Main features:	<ul style="list-style-type: none">• WDR - 140 dB - Wide Dynamic Range,• EIS - Electronic Image Stabilization,• 3D-DNR - Digital Noise Reduction• ROI - improve the quality of selected parts of image• F-DNR (Defog) - Reduction of image noise caused by precipitation• ICR - Movable InfraRed filter• D-ZOOM - Digital Zoom• 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)• Mirror - Mirror image• Sharpness - sharper image outlines• Audio detection• Heat map - the selection in the image by corresponding colors the areas with different traffic• IVS analysis : crossing the line (tripwire), intrusion, abandoned/missing object, face detection, people counting• Motion Detection• Configurable Privacy Zones
Color:	White
Power supply:	<ul style="list-style-type: none">• ePoE,• PoE (802.3at),• 12 V DC / 1.1 A



DATA SHEET

Power consumption:	< 13 W
Housing:	Compact, Metal + Plastic
"Index of Protection":	IP67
Vandal-proof:	IK10
Operation temp:	-40 °C ... 60 °C
Weight:	1.17 kg
Dimensions:	274 x 95 x 95 mm
Supported languages:	Polish, English, Bulgarian, Czech, Danish, Finnish, Greek, Norwegian, Swedish, Hungarian
Manufacturer / Brand:	DAHUA
Guarantee:	3 years

