

Code: DH-IPC-HDBW5431EP-ZE

IP VANDALPROOF CAMERA **DH-IPC-HDBW5431EP-ZE** - 4.0 Mpx, 2.7 ... 13.5 mm - MOTOZOOM DAHUA

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 2688 x 1520 (4.0 MPx). Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition. The used motozoom lens with 2.7 ... 13.5 mm focal length allows to remote view angle adjustment.

The range of IR illumination according to the manufacturer data, depends on outer conditions (visibility - air transparency, environment, wall colors ie. scene reflectance).

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:	1/3 " Progressive Scan CMOS
Matrix size:	4.0 Mpx
Resolution:	2688 x 1520 - 4.0 Mpx , 2560 x 1440 - 3.6 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:	2.7 ... 13.5 mm - Motozoom
View angle:	• 106 ° ... 31 ° (manufacturer data) • 102 ° ... 28 ° (our tests result)
Range of IR illumination:	50 m
S/N ratio:	> 50 dB
RS-485 interface:	—
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)
Image compression method:	H.265 / H.265+ / H.264 / H.264+ / MJPEG
Alarm inputs / outputs:	1 / 1



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Audio:	• External microphone input • Audio output • Bi-directional audio streaming support • Audio detection
Bitrate:	24 kb/s ... 10240 kb/s @ H.264
Network interface:	10/100 Base-T (RJ-45)
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
WEB Server:	Built-in, Web Viewer
Max. number of on-line users:	20
ONVIF:	16.12
Main stream frame rate:	25 fps @ 4.0 Mpx
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 IP address:	192.168.1.108
Default admin user / password:	admin / admin
Web browser access ports:	80, 37777
PC client access ports:	37777
Mobile client access ports:	37777
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
Main features:	• Motozoom lens • WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • ROI - improve the quality of selected parts of image • ICR - Movable InfraRed filter • Motion Detection • IVS analysis : crossing the line (tripwire), intrusion, abandoned/missing object, face detection • WB - White Balance (ATW/AWB/manual/indoor/outdoor) • BLC - configurable Back Light Compensation • HLC - High Light Compensation (spot) • Configurable Privacy Zones • D-ZOOM - Digital Zoom • Mirror - Mirror image • Sharpness - sharper image outlines
Power supply:	• PoE (802.3at), • ePoE, • 12 V DC / 1250 mA, • 24 V AC / 620 mA
Power consumption:	≤ 15 W
Housing:	Dome - Metal
Color:	White



DATA SHEET

"Index of Protection":	IP67
Vandal-proof:	IK10
Operation temp:	-30 °C ... 60 °C
Weight:	0.88 kg
Dimensions:	Ø 159 x 118 mm
Supported languages:	English, Polish
Manufacturer / Brand:	DAHUA
Guarantee:	3 years