

Code: DH-IPC-HDBW81230EP-Z

## IP VANDALPROOF CAMERA **DH-IPC-HDBW81230EP-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.

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

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 , 3840 x 2160 - 8.3 Mpx , 3072 x 2048 - 6.3 Mpx , 2560 x 1920 - 5.0 Mpx , 2048 x 1536 - 3.1 Mpx , 2304 x 1296 - 3.0 Mpx , 1920 x 1080 - 1080p 1280 x 960 - 1.3 Mpx 1280 x 720 - 720p
Lens:	4.1 ... 16.4 mm - Motozoom
View angle:	105 ° ... 35 °
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.264 / MJPEG



# DATA SHEET

Alarm inputs / outputs:	1 / 1
Audio:	<ul style="list-style-type: none"><li>• External microphone input</li><li>• Audio output</li><li>• Bi-directional audio streaming support</li><li>• Audio detection</li></ul>
Bitrate:	24 kb/s ... 14592 kb/s @ H.264 14 kb/s ... 8704 kb/s @ H.265
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:	2.42
Main stream frame rate:	20 fps @ 12 Mpx 25 fps @ 8.3 Mpx
Mobile phones support:	Port no.: 37777 or access by a cloud (P2P) <ul style="list-style-type: none"><li>• Android: Free application <a href="#">DMSS</a></li><li>• iOS (iPhone): Free application <a href="#">DMSS</a></li></ul>
Default admin user / password:	admin / admin
Default IP address:	192.168.1.108
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:	<ul style="list-style-type: none"><li>• Motozoom lens</li><li>• DNR - Digital Noise Reduction</li><li>• AGC - Automatic Gain Control</li><li>• ABF - (Auto Back Focus) - auto focus correction during day/night operation modes switching</li><li>• Heat map - the selection in the image by corresponding colors the areas with different traffic</li><li>• IVS analysis : crossing the line (tripwire), intrusion, scene changing, abandoned/missing object, people counting, face detection, heat map</li><li>• WB - White Balance (ATW/AWB/manual/indoor/outdoor)</li><li>• WDR - Wide Dynamic Range</li><li>• BLC - configurable Back Light Compensation</li><li>• HLC - High Light Compensation (spot)</li><li>• ICR - Movable InfraRed filter</li><li>• Day/Night mode (color/b&amp;w/auto)</li><li>• Audio detection</li><li>• Motion Detection</li><li>• Configurable Privacy Zones</li><li>• Mirror - Mirror image</li><li>• Sharpness - sharper image outlines</li></ul>



Power supply:	<ul style="list-style-type: none"><li>• PoE (802.3at)</li><li>• 12 V DC / 1500 mA,</li><li>• 24 V AC / 750 mA</li></ul>
Power consumption:	< 18 W
"Index of Protection":	IP67
Vandal-proof:	IK10
Housing:	Dome - Metal
Color:	White
Operation temp:	-30 °C ... 60 °C
Weight:	0.97 kg
Dimensions:	Ø 159 x 118 mm
Supported languages:	English, Polish
Manufacturer / Brand:	DAHUA
Guarantee:	<b>3 years</b>