

Code: DH-IPC-HDBW5431RP-Z

## IP VANDALPROOF CAMERA **DH-IPC-HDBW5431RP-Z** - 4.0 Mpx 2.7 ... 12 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 ... 12 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 802.3af standard makes the device more universal and easier to install.



|                           |  |
|---------------------------|--|
| Standard:                 | TCP/IP   |
| Sensor:                   | 1/3 " Progressive Scan CMOS  |
| Matrix size:              | 4.0 Mpx  |
| Resolution:               | 2688 x 1520 - 4.0 Mpx ,<br>2560 x 1440 - 3.6 Mpx ,<br>2304 x 1296 - 3.0 Mpx ,<br>1920 x 1080 - 1080p<br>1280 x 1024 - 1.4 Mpx<br>1280 x 960 - 1.3 Mpx<br>1280 x 720 - 720p |
| Lens:                     | 2.7 ... 12 mm - Motozoom   |
| View angle:               | <ul style="list-style-type: none"> <li>• 100 ° ... 35 ° (manufacturer data)</li> <li>• 93 ° ... 33 ° (our tests result)</li> </ul>   |
| 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  |
| Alarm inputs / outputs:   | 1 / 1  |



# DATA SHEET

|                               |   |
|-------------------------------|---|
| 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 ... 10240 kbps @ H.264<br>14 ... 9984 kbps @ 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:       | 25 fps @ 4.0 Mpx  |
| Mobile phones support:        | Port no.: 37777 or access by a cloud (P2P)<br><ul style="list-style-type: none"><li>• Android: Free application <a href="#">DMSS</a>, Android: Free application <a href="#">IMOU</a></li><li>• iOS (iPhone): Free application <a href="#">DMSS</a>, iOS (iPhone): Free application <a href="#">IMOU</a></li></ul>   |
| Main features:                | <ul style="list-style-type: none"><li>• Motozoom lens - Controlling from browser, NVR or software</li><li>• ICR - Movable InfraRed filter</li><li>• 3D-DNR - Digital Noise Reduction</li><li>• WDR - Wide Dynamic Range</li><li>• BLC - configurable Back Light Compensation</li><li>• HLC - High Light Compensation (spot)</li><li>• IVS analysis : crossing the line (tripwire), intrusion, abandoned/missing object, scene changing, face detection</li><li>• Audio detection</li><li>• Day/Night mode (color/b&amp;w/auto)</li><li>• Configurable Privacy Zones</li></ul> |
| Power supply:                 | <ul style="list-style-type: none"><li>• PoE (802.3af),</li><li>• 12 V DC / 710 mA</li></ul>   |
| Power consumption:            | ≤ 8.5 W   |
| Housing:                      | Dome - Metal  |
| Color:                        | White   |
| Vandal-proof:                 | ✓   |
| Operation temp:               | -30 °C ... 60 °C  |
| "Index of Protection":        | IP67  |
| Weight:                       | 0.478 kg  |
| Dimensions:                   | Ø 122 x 89 mm   |
| Supported languages:          | English, Polish   |
| Manufacturer / Brand:         | DAHUA   |
| Guarantee:                    | <b>3 years</b>  |