

Code: IPC-HDBW1431R-ZS-2812-S4

## IP VANDALPROOF CAMERA **IPC-HDBW1431R-ZS-2812-S4** - 4 Mpx 2.8 ... 12 mm - **MOTOZOOM** DAHUA

Entry series IP camera with efficient H.265 / H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 4 MPx. The range of IR illumination according to the manufacturer data, depends on outer conditions (visibility - air transparency, environment, wall colors ie. scene reflectance).

The used motozoom lens with 2.8 ... 12 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.



|                           |   |
|---------------------------|---|
| Standard:                 | TCP/IP  |
| Sensor:                   | 1/3 " Progressive Scan CMOS   |
| Matrix size:              | 4 Mpx   |
| Resolution:               | 2688 x 1520 - 4 Mpx ,<br>2560 x 1440 - 3.7 Mpx ,<br>2304 x 1296 - 3 Mpx ,<br>1920 x 1080 - 1080p ,<br>1280 x 960 - 1.3 Mpx<br>1280 x 720 - 720p |
| Lens:                     | 2.8 ... 12 mm - <b>Motozoom</b>   |
| View angle:               | <ul style="list-style-type: none"> <li>• 98 ° ... 31 ° (manufacturer data)</li> <li>• 92 ° ... 31 ° (our tests result)</li> </ul>               |
| Range of IR illumination: | 40 m  |
| RS-485 interface:         | —   |
| Memory card slot:         | Micro SD memory cards up to 256GB support (possible local recording)  |
| Image compression method: | H.265+ / H.265 / H.264+ / H.264 / MJPEG   |
| Alarm inputs / outputs:   | —   |
| Audio:                    | —   |



# DATA SHEET

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|--------------------------------|---|
| Bitrate:                       | <ul style="list-style-type: none"><li>• 32 ... 6144 kbps @ H.264</li><li>• 12 ... 6144 kbps @ H.265</li></ul>   |
| Network interface:             | 10/100 Base-T (RJ-45)   |
| Network protocols:             | HTTP, HTTPS, IPv4/IPv6, TCP, ARP, UDP, RTP, RTSP, RTCP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, PPPoE, QoS, UPnP, NTP, Multicast, ICMP, IGMP, NFS, IEEE 802.1x  |
| WEB Server:                    | Built-in, Web Viewer  |
| Max. number of on-line users:  | 20  |
| ONVIF:                         | 18.12   |
| 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 / -<br>The administrator password should be set at the first start  |
| 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<br>rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream   |
| Main stream frame rate:        | 20 fps @ 4 Mpx<br>25 fps @ 3.7 Mpx  |
| Main features:                 | <ul style="list-style-type: none"><li>• Motozoom lens - Controlling from browser, NVR or software</li><li>• WDR - 120 dB - Wide Dynamic Range</li><li>• 3D-DNR - Digital Noise Reduction</li><li>• ROI - improve the quality of selected parts of image</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>• Configurable Privacy Zones</li><li>• Motion Detection</li></ul> |
| Power supply:                  | <ul style="list-style-type: none"><li>• PoE (802.3af),</li><li>• 12 V DC / 540 mA</li></ul>   |
| Power consumption:             | ≤ 6.4 W   |
| Housing:                       | Dome - Metal  |
| Color:                         | White   |
| Vandal-proof:                  | IK10  |
| "Index of Protection":         | IP67  |
| Operation temp:                | -30 °C ... 60 °C  |
| Weight:                        | 0.47 kg   |



# DATA SHEET

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|-----------------------|--|
| Dimensions:           | Ø 122 x 89 mm  |
| Supported languages:  | Polish, English, Czech, French, Spanish, Dutch, German, Portuguese, Russian, Italian |
| Manufacturer / Brand: | DAHUA  |
| Guarantee:            | 2 years  |