

Code: DH-IPC-HDBW2231RP-ZS

## IP VANDALPROOF CAMERA **DH-IPC-HDBW2231RP-ZS** - 1080p, 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 1080p. 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 802.3af standard makes the device more universal and easier to install. Camera is according to IP67 Index of Protection norm.

Thanks to the "Starlight" technology used, the camera only needs very low lighting to obtain a clear color image.



|                           |                                                                                             |
|---------------------------|---------------------------------------------------------------------------------------------|
| Standard:                 | TCP/IP                                                                                      |
| Sensor:                   | 1/2.8 " STARVIS™ CMOS                                                                       |
| Matrix size:              | 2.1 Mpx                                                                                     |
| Scanning system:          | Progressive                                                                                 |
| Resolution:               | 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 ... 13.5 mm - Motozoom                                                                  |
| View angle:               | • 106 ° ... 29 ° (manufacturer data)<br>• 102 ° ... 28 ° (our tests result)                 |
| Range of IR illumination: | 30 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:   | —                                                                                           |
| Audio:                    | —                                                                                           |



# DATA SHEET

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bitrate:                       | 12 kb/s ... 6400 kb/s - H.265<br>32 kb/s ... 10240 kb/s - H.264                                                                                                                                                                                                                                                                                                                                                                                                   |
| Main stream frame rate:        | 25 fps @ 1920 x 1080                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Network interface:             | 10/100 Base-T (RJ-45)                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Network protocols:             | HTTP, HTTPS, TCP, ARP, RTSP, RTP, UDP, SMTP, FTP, DHCP, DNS, DDNS, PPPoE, IPv4/IPv6, QoS, UPnP, NTP, Bonjour, IEEE 802.1x, Multicast, ICMP, IGMP                                                                                                                                                                                                                                                                                                                  |
| WEB Server:                    | Built-in, Web Viewer                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Max. number of on-line users:  | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Mobile phones support:         | Port no.: 37777 or access by a cloud (P2P)<br>• Android: Free application <a href="#">DMSS</a> , Android: Free application <a href="#">IMOU</a><br>• iOS (iPhone): Free application <a href="#">DMSS</a> , iOS (iPhone): Free application <a href="#">IMOU</a>                                                                                                                                                                                                    |
| 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<br>rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream                                                                                                                                                                                                                                                                                   |
| ONVIF:                         | 16.12                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Main features:                 | <ul style="list-style-type: none"><li>• Motozoom lens - Controlling from browser, NVR or software</li><li>• 3D-DNR - Digital Noise Reduction</li><li>• WDR - 120 dB - Wide Dynamic Range</li><li>• ICR - Movable InfraRed filter</li><li>• BLC - configurable Back Light Compensation</li><li>• HLC - High Light Compensation (spot)</li><li>• Mirror - Mirror image</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 / 690 mA</li></ul>                                                                                                                                                                                                                                                                                                                                                                       |
| Power consumption:             | ≤ 8.3 W                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Housing:                       | Dome, Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Color:                         | White                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Vandal-proof:                  | IK10                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| "Index of Protection":         | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Operation temp:                | -30 ° ... 60 °                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Dimensions:                    | Ø 122 x 89 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Weight:                        | 0.44 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Supported languages:           | English, Polish                                                                                                                                                                                                                                                                                                                                                                                                                                                   |



# DATA SHEET

|                       |                |
|-----------------------|----------------|
| Manufacturer / Brand: | DAHUA          |
| Guarantee:            | <b>3 years</b> |

