

Code: IPC-HDBW2841R-ZAS-27135-BLACK

## IP VANDALPROOF CAMERA **IPC-HDBW2841R-ZAS-27135-BLACK** - 8.3 Mpx 4K UHD 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 8.3 MPx, 4K UHD. 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.

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



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| Standard:                 | TCP/IP                                                                                                                                                                                                                                                               |
| Sensor:                   | 1/2.8 " Progressive Scan CMOS                                                                                                                                                                                                                                        |
| Matrix size:              | 8.3 Mpx 4K UHD                                                                                                                                                                                                                                                       |
| Resolution:               | 3840 x 2160 - 8.3 Mpx 4K UHD ,<br>3072 x 2048 - 6.3 Mpx ,<br>3072 x 1728 - 5.3 Mpx ,<br>2880 x 1620 - 4.7 Mpx ,<br>2688 x 1520 - 4 Mpx ,<br>2048 x 1536 - 3.1 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:                     | 2.7 ... 13.5 mm - Motozoom                                                                                                                                                                                                                                           |
| View angle:               | • 113 ° ... 31 ° (manufacturer data)<br>• 104 ° ... 31 ° (our tests result)                                                                                                                                                                                          |
| Range of IR illumination: | 40 m                                                                                                                                                                                                                                                                 |
| RS-485 interface:         | —                                                                                                                                                                                                                                                                    |



# DATA SHEET

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| Image compression method:      | H.265 / H.264H / H.264B / H.264 / MJPEG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Memory card slot:              | Micro SD memory cards up to 256GB support (possible local recording)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Alarm inputs / outputs:        | 1 / 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Audio:                         | <ul style="list-style-type: none"><li>• Microphone built-in,</li><li>• External microphone input</li><li>• Audio output</li><li>• Bi-directional audio streaming support</li><li>• Audio detection</li><li>• Compliance with the AAC standard</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Network interface:             | 10/100 Base-T (RJ-45)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Network protocols:             | IPv4/IPv6, HTTP, TCP, UDP, ARP, RTP, RTSP, RTCP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, QoS, UPnP, NTP, Multicast, ICMP, IGMP, NFS, PPPoE, Bonjour                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| WEB Server:                    | Built-in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Max. number of on-line users:  | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ONVIF:                         | 21.12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Main stream frame rate:        | 20 fps @ 8.3 Mpx<br>25 fps @ 4.7 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 IP address:            | 192.168.1.108                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Default admin user / password: | admin / -<br>The administrator password should be set at the first start                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 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 features:                 | <ul style="list-style-type: none"><li>• Motozoom lens</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/HLC - Back Light / High Light Compensation</li><li>• Possibility to change the resolution, quality and bit rate</li><li>• Motion Detection</li><li>• Configurable Privacy Zones</li><li>• Day/night mode</li><li>• ICR - Movable InfraRed filter</li><li>• Auto White Balance</li><li>• AGC - Automatic Gain Control</li><li>• Image rotation and mirror</li><li>• NAS - Network Attached Storage support</li><li>• SMD PLUS - searching for an object classified as: human, motor vehicle, non-motor vehicle</li><li>• IVS analysis : crossing the line (tripwire), intrusion - classification of people and vehicles, Audio detection</li></ul> |

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|------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Power supply:          | <ul style="list-style-type: none"><li>• PoE (802.3af),</li><li>• 12 V DC / 530 mA</li></ul>                                   |
| Power consumption:     | <ul style="list-style-type: none"><li>• ≤ 7.3 W @ PoE</li><li>• ≤ 6.4 W @ 12 V</li></ul>                                      |
| Housing:               | Dome - Metal                                                                                                                  |
| Color:                 | Black                                                                                                                         |
| "Index of Protection": | IP67                                                                                                                          |
| Vandal-proof:          | IK10                                                                                                                          |
| Operation temp:        | -30 °C ... 60 °C                                                                                                              |
| Weight:                | 0.51 kg                                                                                                                       |
| Dimensions:            | Ø 122 x 93 mm                                                                                                                 |
| Supported languages:   | Polish, English, Czech, French, Spanish, Dutch, German, Portuguese, Russian, Romanian, Turkish, Ukrainian, Hungarian, Italian |
| Manufacturer / Brand:  | DAHUA                                                                                                                         |
| Guarantee:             | <b>3 years</b>                                                                                                                |