

Code: IPC-HDBW2230R-VFS

# IP VANDALPROOF CAMERA **IPC-HDBW2230R-VFS** - 1080p 2.8 ... 12 mm DAHUA

Net: **179.25 EUR** Gross: **179.25 EUR**

IP PTZ camera with efficient H.265 image compression algorithm for clear and smooth video streaming at max. resolution of 2.1 MPx.

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.



## SPECIFICATION

|                               |                                                                                                                                                  |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                     | TCP/IP                                                                                                                                           |
| Sensor:                       | 1/2.8 " Progressive Scan Exmor CMOS                                                                                                              |
| Matrix size:                  | 2.1 Mpx                                                                                                                                          |
| 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:                         | 2.8 ... 12 mm                                                                                                                                    |
| View angle:                   | • 92 ° ... 28 ° (manufacturer data)<br>• 104 ° ... 27 ° (our tests result)                                                                       |
| S/N ratio:                    | > 50 dB                                                                                                                                          |
| Range of IR illumination:     | 30 m                                                                                                                                             |
| 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:       | —                                                                                                                                                |
| Audio:                        | —                                                                                                                                                |
| Bitrate:                      | 86 ... 5632 kbps @ H.265<br>216 ... 9216 kbps @ H.264                                                                                            |
| 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 |
| Max. number of on-line users: | 20                                                                                                                                               |

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|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ONVIF:                         | 16.12                                                                                                                                                                                                                                                                                                                                                                 |
| Mobile phones support:         | Port no.: 37777 or access by a cloud (P2P)<br>• Android: Free application <a href="#">DMSS</a><br>• iOS (iPhone): Free application <a href="#">DMSS</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                                                                                                                                                                                       |
| WEB Server:                    | Built-in                                                                                                                                                                                                                                                                                                                                                              |
| Main stream frame rate:        | 25 fps @ 1080p                                                                                                                                                                                                                                                                                                                                                        |
| Main features:                 | <ul style="list-style-type: none"> <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>• 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 / 450 mA</li> </ul>                                                                                                                                                                                                                                                                        |
| Power consumption:             | ≤ 5.4 W                                                                                                                                                                                                                                                                                                                                                               |
| Housing:                       | Dome - Metal                                                                                                                                                                                                                                                                                                                                                          |
| Color:                         | White                                                                                                                                                                                                                                                                                                                                                                 |
| Vandal-proof:                  | IK10                                                                                                                                                                                                                                                                                                                                                                  |
| "Index of Protection":         | IP67                                                                                                                                                                                                                                                                                                                                                                  |
| Operation temp:                | -30 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                      |
| Weight:                        | 0.43 kg                                                                                                                                                                                                                                                                                                                                                               |
| Dimensions:                    | Ø 122 x 89 mm                                                                                                                                                                                                                                                                                                                                                         |
| Supported languages:           | English, Polish                                                                                                                                                                                                                                                                                                                                                       |
| Manufacturer / Brand:          | DAHUA                                                                                                                                                                                                                                                                                                                                                                 |
| Guarantee:                     | <b>3 years</b>                                                                                                                                                                                                                                                                                                                                                        |

## PRESENTATION

Camera view after remove the Dome cover:



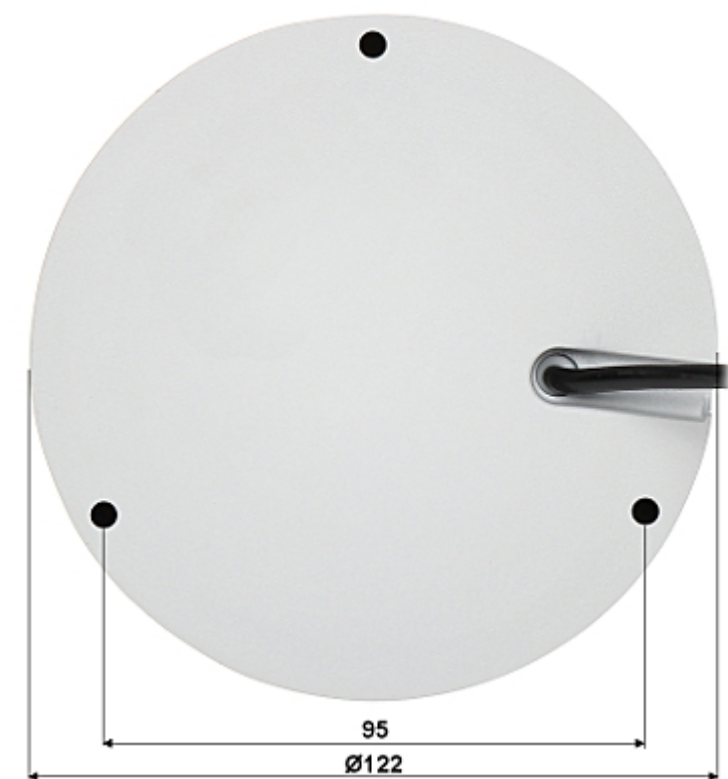
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Memory card slot:



Mounting side view:



In the kit:



## OUR TESTS

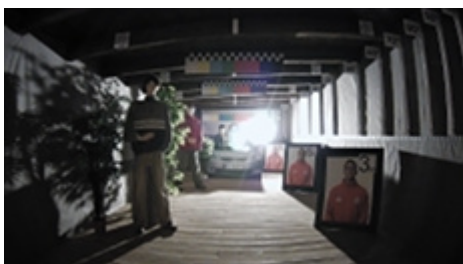
Camera image at artificial illumination (about 30Lux):



Camera image at night conditions with internal built-in IR illuminator on:



Camera image at direct strong light opposite to camera:



## PACKAGE

|                                  |                    |
|----------------------------------|--------------------|
| Dimensions (L x W x H): 0x0x0 mm | Gross Weight: 0 kg |
|----------------------------------|--------------------|