

Code: IPC-HDBW2221R-VFS

# IP VANDALPROOF CAMERA **IPC-HDBW2221R-VFS** - 1080p, 2.7 ... 12 mm DAHUA

Net: **182.18 EUR** Gross: **182.18 EUR**

IP camera with efficient H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 1080p.

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:                   | 1/3 " Progressive Scan 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:                     | 2.7 ... 12 mm                                                                                                                                    |
| View angle:               | • 99 ° ... 37 ° (manufacturer data)<br>• 91 ° ... 35 ° (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.264 / MJPEG                                                                                                                                    |
| Alarm inputs / outputs:   | —                                                                                                                                                |
| Audio:                    | —                                                                                                                                                |
| Bitrate:                  | 24 ... 8192 kbps @ H.264                                                                                                                         |
| Main stream frame rate:   | 25 fps @ 1080p                                                                                                                                   |
| 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                                                                                                                             |

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|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Max. number of on-line users:  | 20                                                                                                                                                                                                                                                                                                                                                                    |
| ONVIF:                         | 2.42                                                                                                                                                                                                                                                                                                                                                                  |
| 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 admin user / password: | admin / admin                                                                                                                                                                                                                                                                                                                                                         |
| 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:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream<br>rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream                                                                                                                                                                                       |
| Main features:                 | <ul style="list-style-type: none"> <li>• WDR - 120 dB - Wide Dynamic Range</li> <li>• 3D-DNR - Digital Noise Reduction</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> </ul> |
| Power supply:                  | <ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 12 V DC / 810 mA</li> </ul>                                                                                                                                                                                                                                                                        |
| Power consumption:             | ≤ 9.75 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

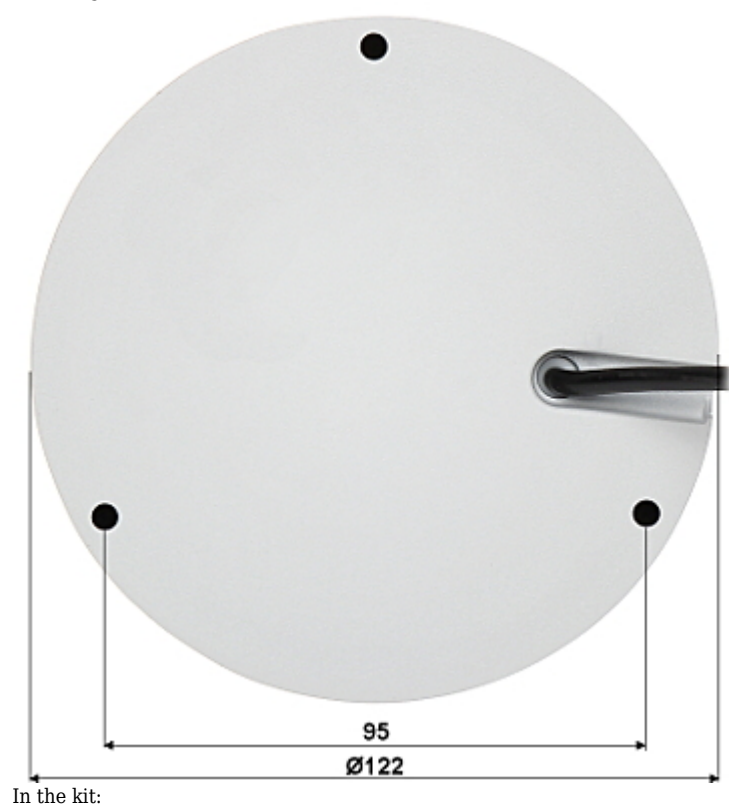
Camera view after remove the Dome cover:



Memory card slot:



Mounting side view:



In the kit:



## OUR TESTS

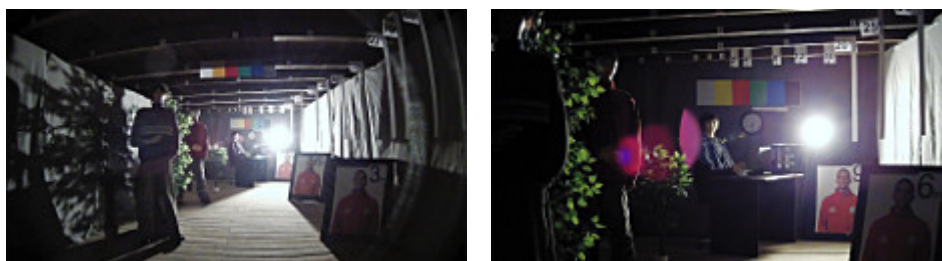
Camera image at artificial illumination (about 30Lux):



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 |
|----------------------------------|--------------------|

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