

Code: DH-IPC-HDBW1230EP-02

# IP VANDALPROOF CAMERA **DH-IPC-HDBW1230EP-02** - 1080p 2.8 mm DAHUA

Net: **118.18 USD** Gross: **145.36 USD**

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 1080p.  
PoE powering possibility, compatible with the 802.3af standard makes the device more universal and easier to install.



## SPECIFICATION

|                           |  |
|---------------------------|--|
| Standard:                 | TCP/IP   |
| Sensor:                   | 1/2.9 " Progressive Scan 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  |
| Operation modes:          | Main and sub streams may be in any configuration<br>Firmware 2.460.0000.14.R, build : 2017-07-20<br>• Main stream : 1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720<br>• Sub stream : 704 x 576, 640 x 480, 352 x 288 |
| Lens:                     | 2.8 mm   |
| View angle:               | • 110 ° (manufacturer data)<br>• 100 ° (our tests result)  |
| Range of IR illumination: | 30 m   |
| S/N ratio:                | > 50 dB  |
| RS-485 interface:         | —  |
| Memory card slot:         | —  |
| Image compression method: | H.265 / H.264 / MJPEG  |
| Alarm inputs / outputs:   | —  |
| Audio:                    | —  |

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|                                |   |
|--------------------------------|---|
| Bitrate:                       | 24 ... 9472 kbps - H.264<br>14 ... 5632 kbps - H.265  |
| Main stream frame rate:        | 25 fps @ 1920 x 1080  |
| Network interface:             | 10/100 Base-T (RJ-45)   |
| Network protocols:             | HTTP, HTTPS, IPv4/IPv6, TCP, ARP, RTSP, RTP, UDP, SMTP, FTP, DHCP, DNS, DDNS, PPPoE, QoS, UPnP, NTP, Bonjour, IEEE 802.1x, Multicast, ICMP, IGMP, SNMP  |
| WEB Server:                    | Built-in  |
| Max. number of on-line users:  | 20  |
| ONVIF:                         | 16.12   |
| Main features:                 | <ul style="list-style-type: none"> <li>• WDR - 120 dB - Wide Dynamic Range</li> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• ICR - Movable InfraRed filter</li> <li>• BLC - Back Light Compensation</li> <li>• HLC - High Light Compensation (spot)</li> <li>• AGC - Automatic Gain Control</li> <li>• Auto White Balance</li> </ul> |
| Power supply:                  | <ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 12 V DC / 310 mA</li> </ul>  |
| Power consumption:             | < 3.7 W   |
| Mobile phones support:         | Port no.: 37777 or access by a cloud (P2P)<br><ul style="list-style-type: none"> <li>• Android: Free application <a href="#">gDMSS Plus</a>, Android: Free application <a href="#">IMOU</a></li> <li>• iOS (iPhone): Free application <a href="#">iDMSS Plus</a>, iOS (iPhone): Free application <a href="#">IMOU</a></li> </ul>          |
| 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:admin@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream<br>rtsp://admin:admin@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream   |
| Housing:                       | Dome - Metal / Plastic  |
| Color:                         | White   |
| "Index of Protection":         | IP67  |
| Vandal-proof:                  | IK10  |
| Operation temp:                | -30 °C ... 60 °C  |
| Weight:                        | 0.34 kg   |
| Dimensions:                    | Ø 110 x 81 mm   |
| Supported languages:           | English, Polish   |
| Manufacturer / Brand:          | DAHUA   |
| Guarantee:                     | <b>3 years</b>  |

## PRESENTATION



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Internal view of the housing:



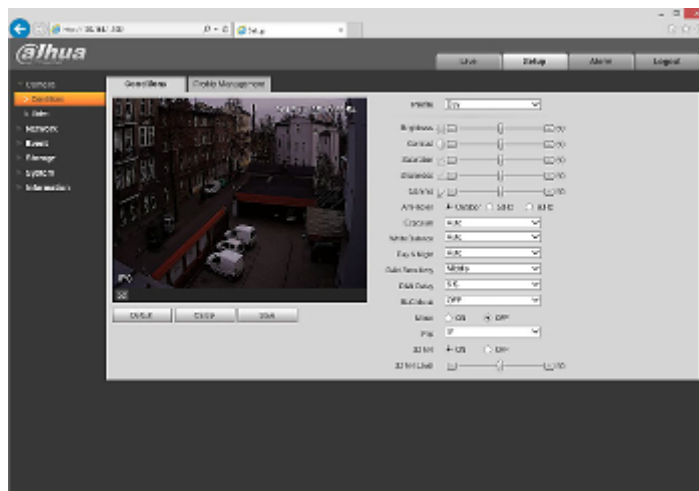
Mounting side view:



In the kit:



Example captures of device interface:



See the ability of operation in imou cloud:

:

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## 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:

