

Code: DH-IPC-HDB4231CP-AS-

# IP VANDALPROOF CAMERA **DH-IPC-HDB4231CP-AS-** - 1080p 2.8 mm DAHUA

Net: **166.71 EUR** Gross: **166.71 EUR**

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 1920 x 1080 (1080p).

PoE powering possibility, compatible with the 802.3af standard makes the device more universal and easier to install.

Camera is according to IP66 Index of Protection norm.



## SPECIFICATION

|                                |                                                                                                                                                                                                                                                                |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                      | TCP/IP                                                                                                                                                                                                                                                         |
| Sensor:                        | 1/2.8 " Progressive Scan CMOS                                                                                                                                                                                                                                  |
| Matrix size:                   | 2.0 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:                          | 2.8 mm                                                                                                                                                                                                                                                         |
| View angle:                    | 110 ° (manufacturer data)                                                                                                                                                                                                                                      |
| S/N ratio:                     | > 50 dB                                                                                                                                                                                                                                                        |
| RS-485 interface:              | —                                                                                                                                                                                                                                                              |
| Image compression method:      | H.265 / H.264 / MJPEG                                                                                                                                                                                                                                          |
| Alarm inputs / outputs:        | —                                                                                                                                                                                                                                                              |
| Audio:                         | Microphone built-in                                                                                                                                                                                                                                            |
| Bitrate:                       | 24 ... 9472 kbps - H.264<br>14 ... 5632 kbps - H.265                                                                                                                                                                                                           |
| Main stream frame rate:        | 50 fps @ 1080p                                                                                                                                                                                                                                                 |
| Network interface:             | 10/100 Base-T (RJ-45)                                                                                                                                                                                                                                          |
| Network protocols:             | HTTP, HTTPS, TCP/IP, IPv4, UDP, SMTP, FTP, DHCP, DDNS, NTP, DNS, ARP, RTSP, RTP, UPnP                                                                                                                                                                          |
| Memory card slot:              | Micro SD memory cards up to 128GB support (possible local recording)                                                                                                                                                                                           |
| 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 admin user / password: | admin / admin                                                                                                                                                                                                                                                  |

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| 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: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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Max. number of on-line users: | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| ONVIF:                        | 2.42                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Main features:                | <ul style="list-style-type: none"> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• Possibility to change the resolution, quality and bit rate</li> <li>• Time mark and image description</li> <li>• Image rotation and mirror</li> <li>• Configurable: brightness, contrast, saturation</li> <li>• Privacy zones</li> <li>• Motion Detection</li> <li>• Audio detection</li> <li>• IVS analysis : crossing the line (tripwire), scene changing, intrusion, abandoned/missing object, face detection</li> </ul> |
| Vandal-proof:                 | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Power supply:                 | <ul style="list-style-type: none"> <li>• PoE (802.3af)</li> <li>• 12 V DC / 250 mA</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Power consumption:            | ≤ 3 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Housing:                      | Dome - Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Color:                        | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Operation temp:               | -30 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| "Index of Protection":        | IP66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Weight:                       | 0.270 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Dimensions:                   | Ø 110 x 56 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Supported languages:          | Polish, English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Manufacturer / Brand:         | DAHUA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Guarantee:                    | <b>3 years</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

## PRESENTATION

Camera view after remove the Dome cover:



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Mounting dimensions:



In the kit:



See the ability of operation in imou cloud:  
:

## OUR TESTS

Camera image at artificial illumination (about 30Lux):



Camera image at direct strong light opposite to camera:



Camera image at night conditions, at different illumination values show below:

1 LUX:



0.1 LUX:



0.01 LUX:



## PACKAGE

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



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