

Code: DH-IPC-HDB4431CP-AS-

## IP VANDALPROOF CAMERA **DH-IPC-HDB4431CP-AS-** - 4.0 Mpx 2.8 mm DAHUA

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 2688 x 1520 (4.0 MPx).  
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.



|                           |                                                                                                                                                                      |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                 | TCP/IP                                                                                                                                                               |
| Sensor:                   | 1/3 " Progressive Scan CMOS                                                                                                                                          |
| Matrix size:              | 4.0 Mpx                                                                                                                                                              |
| Scanning system:          | Progressive                                                                                                                                                          |
| Resolution:               | 2688 x 1520 - 4.0 Mpx<br>2560 x 1440 - 3.6 Mpx<br>2304 x 1296 - 3.0 Mpx<br>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:               | 104 °                                                                                                                                                                |
| 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 ... 9984 kbps - H.265                                                                                                                 |
| Main stream frame rate:   | 25 fps @ 4.0 Mpx                                                                                                                                                     |
| Network interface:        | 100/1000 Base-T (RJ-45)                                                                                                                                              |
| Network protocols:        | HTTP, HTTPS, TCP/IP, IPv4, UDP, SMTP, FTP, DHCP, DDNS, NTP, DNS, ARP, RTSP, RTP, UPnP                                                                                |



# DATA SHEET

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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) <ul style="list-style-type: none"><li>• Android: Free application <a href="#">DMSS</a>, Android: Free application <a href="#">IMOU</a></li><li>• iOS (iPhone): Free application <a href="#">DMSS</a>, iOS (iPhone): Free application <a href="#">IMOU</a></li></ul>                                                                                                                                                                                                                                     |
| 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: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>• WDR - 120 dB - Wide Dynamic Range</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), intrusion, scene changing, abandoned/missing object, face detection</li></ul> |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Vandal-proof:                  | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Color:                         | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Operation temp:                | -30 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| "Index of Protection":         | IP66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Weight:                        | 0.268 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Dimensions:                    | Ø 110 x 56 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Supported languages:           | Polish, English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Manufacturer / Brand:          | DAHUA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Guarantee:                     | <b>3 years</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |