

Code: IPC-HDBW3241E-AS-0280B

## IP VANDALPROOF CAMERA **IPC-HDBW3241E-AS-0280B** - 1080p 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 1080p.

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



|                           |                                                                                                                                                                                    |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                 | TCP/IP                                                                                                                                                                             |
| Sensor:                   | 1/2.8 " Progressive Scan CMOS                                                                                                                                                      |
| Matrix size:              | 2.1 Mpx                                                                                                                                                                            |
| Scanning system:          | Progressive                                                                                                                                                                        |
| Resolution:               | 1920 x 1080 - 1080p<br>1280 x 960 - 1.3 Mpx<br>1280 x 720 - 720p                                                                                                                   |
| Lens:                     | 2.8 mm                                                                                                                                                                             |
| View angle:               | <ul style="list-style-type: none"> <li>• 106 ° (manufacturer data)</li> <li>• 104 ° (our tests result)</li> </ul>                                                                  |
| Range of IR illumination: | 50 m                                                                                                                                                                               |
| RS-485 interface:         | —                                                                                                                                                                                  |
| Memory card slot:         | Micro SD memory cards up to 256GB support (possible local recording)                                                                                                               |
| Image compression method: | H.265+ / H.265 / H.264+ / H.264 / MJPEG                                                                                                                                            |
| Alarm inputs / outputs:   | 1 / 1                                                                                                                                                                              |
| Audio:                    | <ul style="list-style-type: none"> <li>• External microphone input</li> <li>• Audio output</li> <li>• Bi-directional audio streaming support</li> <li>• Audio detection</li> </ul> |

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| Bitrate:                       | 3 ... 8192 kbps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Main stream frame rate:        | 25 fps @ 1080p                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Network interface:             | 10/100 Base-T (RJ-45)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Network protocols:             | IPv4, IPv6, HTTP, HTTPS, TCP, UDP, ARP, RTP, RTSP, RTCP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, QoS, UPnP, NTP, Multicast, ICMP, IGMP, NFS, PPPoE, IEEE 802.1x, SNMP                                                                                                                                                                                                                                                                                                                                                                                                                  |
| WEB Server:                    | Built-in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Max. number of on-line users:  | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| ONVIF:                         | 18.06                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 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/HLC - Back Light / High Light Compensation</li> <li>• Possibility to change the resolution, quality and bit rate</li> <li>• Mirror - Mirror image</li> <li>• Configurable Privacy Zones</li> <li>• Audio detection</li> <li>• IVS analysis - crossing the line (tripwire), intrusion, Smart motion detection (with recognizing people and vehicles)</li> <li>• SMD PLUS - searching for an object classified as: human, motor vehicle</li> </ul> |
| 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 / -<br>The administrator password should be set at the first start                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 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                                                                                                                                                                                                                                                                                                                                                                                                        |
| Power supply:                  | <ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 12 V DC / 580 mA</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Power consumption:             | ≤ 6.9 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Housing:                       | Dome, Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Color:                         | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Vandal-proof:                  | IK10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| "Index of Protection":         | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Operation temp:                | -40 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Weight:                        | 0.38 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Dimensions:                    | Ø 110 x 81 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |



# DATA SHEET

|                       |                 |
|-----------------------|-----------------|
| Supported languages:  | Polish, English |
| Manufacturer / Brand: | DAHUA           |
| Guarantee:            | <b>3 years</b>  |