

Code: IPC-HDBW3541F-AS-M-0280B

## IP VANDALPROOF CAMERA **IPC-HDBW3541F-AS-M-0280B** - 5 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 5 MPx.

PoE powering possibility, compatible with the 802.3af standard makes the device more universal and easier to install. Thanks to the "Starlight" technology used, the camera only needs very low lighting to obtain a clear color image.

The camera has a very flat profile, it's only 54 mm out from the ceiling.



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| Standard:                 | TCP/IP                                                                                                                                          |
| Sensor:                   | 1/2.7 " Progressive Scan CMOS                                                                                                                   |
| Matrix size:              | 5 Mpx                                                                                                                                           |
| Scanning system:          | Progressive                                                                                                                                     |
| Resolution:               | 2592 x 1944 - 5 Mpx ,<br>2688 x 1520 - 4 Mpx ,<br>2304 x 1296 - 3 Mpx ,<br>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>• 98 ° (manufacturer data)</li> <li>• 93 ° (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:   | —                                                                                                                                               |
| Audio:                    | <ul style="list-style-type: none"> <li>• Microphone built-in</li> <li>• Audio detection</li> </ul>                                              |
| Main stream frame rate:   | <ul style="list-style-type: none"> <li>• 20 fps @ 5 Mpx</li> <li>• 25 fps @ 4 Mpx</li> </ul>                                                    |

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| 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>• ROI - improve the quality of selected parts of image</li> <li>• BLC/HLC - Back Light / High Light Compensation</li> <li>• Possibility to change the resolution, quality and bit rate</li> <li>• Motion Detection</li> <li>• Configurable Privacy Zones</li> <li>• ICR - Movable InfraRed filter</li> <li>• Mirror - Mirror image</li> <li>• IVS analysis : crossing the line (tripwire), intrusion - classification of people and vehicles</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 / 470 mA</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Power consumption:             | ≤ 5.7 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Housing:                       | Dome, Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Color:                         | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| "Index of Protection":         | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Vandal-proof:                  | IK10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Operation temp:                | -40 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Weight:                        | 0.38 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Dimensions:                    | Ø 109 x 55 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Supported languages:           | Polish, English, Czech, French, Spanish, Dutch, German, Portuguese, Russian, Italian                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |



# DATA SHEET

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|-----------------------|---------|
| Manufacturer / Brand: | DAHUA   |
| Guarantee:            | 3 years |