

Code: IPC-HDPW1420FP-AS-0280B

# IP VANDALPROOF CAMERA **IPC-HDPW1420FP-AS-0280B** - 4.0 Mpx 2.8 mm DAHUA

Net: **149.11 EUR** Gross: **149.11 EUR**

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

The camera has a very flat profile, it's only 51 mm out from the ceiling.



## SPECIFICATION

|                           |                                                                                                                                                                               |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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:               | <ul style="list-style-type: none"><li>• 106 ° (manufacturer data)</li><li>• 96 ° (our tests result)</li></ul>                                                                 |
| Range of IR illumination: | 20 m                                                                                                                                                                          |
| S/N ratio:                | > 50 dB                                                                                                                                                                       |
| RS-485 interface:         | —                                                                                                                                                                             |
| Memory card slot:         | Micro SD memory cards up to 128GB support (possible local recording)                                                                                                          |
| Image compression method: | 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> |
| Bitrate:                  | 384 ... 10240 kbps - H.264                                                                                                                                                    |
| Main stream frame rate:   | 20 fps @ 4.0 Mpx<br>25 fps @ 3.0 Mpx                                                                                                                                          |
| Network interface:        | 10/100 Base-T (RJ-45)                                                                                                                                                         |
| Network protocols:        | IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour                                  |
| WEB Server:               | Built-in                                                                                                                                                                      |

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|                                |                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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>• D-WDR - Wide Dynamic Range</li> <li>• BLC/HLC - Back Light / High Light Compensation</li> <li>• Possibility to change the resolution, quality and bit rate</li> <li>• Audio detection</li> <li>• Configurable Privacy Zones</li> <li>• Mirror - Mirror image</li> </ul> |
| 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="#">DMSS</a></li> <li>• iOS (iPhone): Free application <a href="#">DMSS</a></li> </ul>                                                                                                                                              |
| 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:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream<br>rtsp://admin:hasło@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 / 420 mA</li> </ul>                                                                                                                                                                                                                                                               |
| Housing:                       | Dome, Plastic                                                                                                                                                                                                                                                                                                                                                |
| Color:                         | White                                                                                                                                                                                                                                                                                                                                                        |
| Vandal-proof:                  | ✓                                                                                                                                                                                                                                                                                                                                                            |
| "Index of Protection":         | IP66                                                                                                                                                                                                                                                                                                                                                         |
| Operation temp:                | -30 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                             |
| Weight:                        | 0.282 kg                                                                                                                                                                                                                                                                                                                                                     |
| Dimensions:                    | Ø 107 x 51 mm                                                                                                                                                                                                                                                                                                                                                |
| Supported languages:           | Polish, English                                                                                                                                                                                                                                                                                                                                              |
| Manufacturer / Brand:          | DAHUA                                                                                                                                                                                                                                                                                                                                                        |
| Guarantee:                     | <b>3 years</b>                                                                                                                                                                                                                                                                                                                                               |

## PRESENTATION

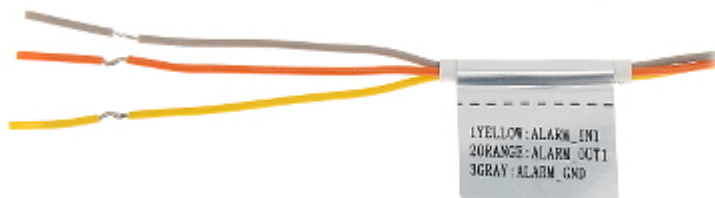
Camera view after remove the Dome cover:



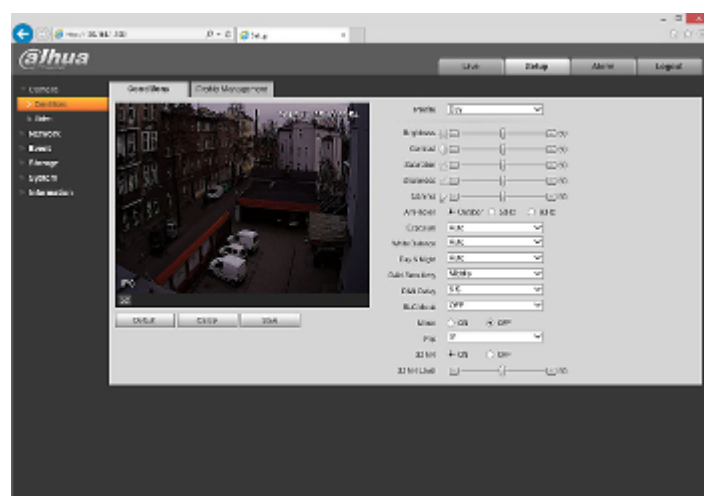
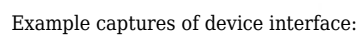
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Connectors description:



Mounting side view:



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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:



## OUR OPINIONS



- The camera has a very flat profile, it's only 51 mm out from the ceiling.

## PACKAGE

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



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