

Code: IPC-HFW4231T-ASE-0360B

## IP VANDALPROOF CAMERA **IPC-HFW4231T-ASE-0360B** - 1080p 3.6 mm DAHUA

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 1080p. Included camera software enables management and integrated monitoring of many network cameras.

The device is equipped with ePoE technology which enables transmission up to 800 m at a speed of 10 Mb/s or 300 m at a speed of 100 Mb/s via cat. 5e twisted-pair.

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.



|                           |   |
|---------------------------|---|
| Standard:                 | TCP/IP  |
| Sensor:                   | 1/2.8 " Progressive Scan CMOS   |
| Matrix size:              | 2.1 Mpx   |
| Resolution:               | 1920 x 1080 - 1080p ,<br>1280 x 1024 - 1.4 Mpx ,<br>1280 x 960 - 1.3 Mpx ,<br>1280 x 720 - 720p                 |
| Scanning system:          | Progressive   |
| Lens:                     | 3.6 mm  |
| View angle:               | <ul style="list-style-type: none"> <li>• 87 ° (manufacturer data)</li> <li>• 85 ° (our tests result)</li> </ul> |
| Range of IR illumination: | 60 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.265 / H.265+ / H.264 / H.264+ / MJPEG   |
| Alarm inputs / outputs:   | 1 / 1   |



# DATA SHEET

|                                |  |
|--------------------------------|--|
| 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:                       | 24 kb/s ... 10240 kb/s - H.264<br>14 kb/s ... 9984 kb/s - H.265  |
| Main stream frame rate:        | 50 fps @ 1080p   |
| Network interface:             | 10/100 Base-T (RJ-45)  |
| Network protocols:             | HTTP, HTTPS, TCP, IPv4/IPv6, ARP, RTSP, RTP, UDP, SMTP, FTP, DHCP, DNS, DDNS, PPPoE, QoS, UPnP, NTP, Bonjour, IEEE 802.1x, Multicast, ICMP, IGMP, SNMP   |
| WEB Server:                    | Built-in   |
| Max. number of on-line users:  | 20   |
| ONVIF:                         | 16.12  |
| 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>• ICR - Movable InfraRed filter</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>• Mirror - Mirror image</li><li>• IVS analysis : crossing the line (tripwire), scene changing, intrusion, abandoned/missing object, face detection</li></ul> |
| Power supply:                  | <ul style="list-style-type: none"><li>• PoE (802.3af),</li><li>• ePoE,</li><li>• 12 V DC / 920 mA</li></ul>  |
| Power consumption:             | ≤ 11 W   |
| 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 IP address:            | 192.168.1.108  |
| Default admin user / password: | admin / admin  |
| 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  |
| Housing:                       | Compact - Metal / Plastic  |
| Color:                         | White / Black  |
| "Index of Protection":         | IP67   |



# DATA SHEET

|                       |                  |
|-----------------------|------------------|
| Vandal-proof:         | IK10             |
| Operation temp:       | -30 °C ... 60 °C |
| Weight:               | 0.87 kg          |
| Dimensions:           | 244 x 79 x 76 mm |
| Supported languages:  | English, Polish  |
| Manufacturer / Brand: | DAHUA            |
| Guarantee:            | <b>3 years</b>   |