

Code: IPC-HFW2231T-ZS-27135-S2

## IP CAMERA **IPC-HFW2231T-ZS-27135-S2** - 1080p 2.7 ... 13.5 mm - MOTOZOOM DAHUA

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 1920 x 1080 (1080p). Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition.

The used motozoom lens with 2.7 ... 13.5 mm focal length allows to remote view angle adjustment. PoE powering possibility, compatible with the 802.3af standard makes the device more universal and easier to install.

Camera is according to IP67 Index of Protection norm.



|                           |                                                                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                 | TCP/IP                                                                                                                              |
| Sensor:                   | 1/2.8 " STARVIS™ CMOS                                                                                                               |
| Matrix size:              | 2.1 Mpx                                                                                                                             |
| Resolution:               | 1920 x 1080 - 1080p<br>1280 x 960 - 1.3 Mpx<br>1280 x 720 - 720p                                                                    |
| Lens:                     | 2.7 ... 13.5 mm - Motozoom                                                                                                          |
| View angle:               | <ul style="list-style-type: none"> <li>• 109 ° ... 28 ° (manufacturer data)</li> <li>• 106 ° ... 28 ° (our tests result)</li> </ul> |
| Compression:              | H.265+ / H.265 / H.264+ / H.264 / MJPEG                                                                                             |
| S/N ratio:                | > 50 dB                                                                                                                             |
| Range of IR illumination: | 60 m                                                                                                                                |
| Alarm inputs / outputs:   | —                                                                                                                                   |
| Bitrate:                  | <ul style="list-style-type: none"> <li>• 12 ... 6144 kbps - H.265</li> <li>• 32 ... 6144 kbps - H.264</li> </ul>                    |
| Main stream frame rate:   | 25 fps - 1080p                                                                                                                      |
| Network interface:        | 10/100 Base-T (RJ-45)                                                                                                               |



# DATA SHEET

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network protocols:             | HTTP, HTTPS, IPv4/IPv6, TCP, UDP, ARP, RTP, RTSP, RTCP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, QoS, UPnP, NTP, Multicast, ICMP, IGMP, NFS, PPPoE, IEEE 802.1x, Bonjour                                                                                                                                                                                                                                                                                                                                                                                              |
| Audio:                         | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| WEB Server:                    | Built-in, NVR compliance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Memory card slot:              | Micro SD memory cards up to 256GB support (possible local recording)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Max. number of on-line users:  | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ONVIF:                         | 18.06                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 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></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: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                                                                                                                                                                                                                                                                                                                                                                                      |
| RS-485 interface:              | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Main features:                 | <ul style="list-style-type: none"><li>• Motozoom lens</li><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 - Back Light Compensation</li><li>• HLC - High Light Compensation (spot)</li><li>• ICR - Movable InfraRed filter</li><li>• AGC - Automatic Gain Control</li><li>• Motion Detection - max. 4 zones</li><li>• Privacy zones - max. 4</li><li>• Auto White Balance</li><li>• IVS analysis : crossing the line (tripwire), intrusion</li></ul> |
| Power supply:                  | <ul style="list-style-type: none"><li>• PoE (802.3at),</li><li>• 12 V DC / 800 mA</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Power consumption:             | < 9.6 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Housing:                       | Compact, Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Color:                         | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| "Index of Protection":         | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Operation temp:                | -30 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Supported languages:           | English, Polish                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Weight:                        | 0.88 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |



## DATA SHEET

|                       |                  |
|-----------------------|------------------|
| Dimensions:           | 244 x 79 x 76 mm |
| Manufacturer / Brand: | DAHUA            |
| Guarantee:            | <b>3 years</b>   |