

Code: DH-IPC-HDW2421RP-ZS

## IP CAMERA **DH-IPC-HDW2421RP-ZS** 4.0 Mpx - 4.0 Mpx 2.7 ... 12 mm - MOTOZOOM DAHUA

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). Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition. The used motozoom lens with 2.7 ... 12 mm focal length allows to remote view angle adjustment. The range of IR illumination according to the manufacturer data, depends on outer conditions (visibility - air transparency, environment, wall colors ie. scene reflectance). PoE powering possibility, compatible with the 802.3af standard makes the device more universal and easier to install.



|                           |                                                                                                                                                                            |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                 | TCP/IP                                                                                                                                                                     |
| Sensor:                   | 1/3 " Progressive Scan CMOS                                                                                                                                                |
| Matrix size:              | 4.0 Mpx                                                                                                                                                                    |
| Resolution:               | 2688 x 1520 - 4.0 Mpx ,<br>2560 x 1440 - 3.6 Mpx ,<br>2304 x 1296 - 3 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:                     | 2.7 ... 12 mm - Motozoom                                                                                                                                                   |
| View angle:               | • 100 ° ... 35 ° (manufacturer data)<br>• 92 ° ... 33 ° (our tests result)                                                                                                 |
| S/N ratio:                | > 50 dB                                                                                                                                                                    |
| Range of IR illumination: | 60 m                                                                                                                                                                       |
| RS-485 interface:         | —                                                                                                                                                                          |



# DATA SHEET

|                                |                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Memory card slot:              | Micro SD memory cards up to 128GB support (possible local recording)                                                                                                                                                                                                                                                                                                  |
| Image compression method:      | H.264 / MJPEG                                                                                                                                                                                                                                                                                                                                                         |
| Alarm inputs / outputs:        | —                                                                                                                                                                                                                                                                                                                                                                     |
| Audio:                         | —                                                                                                                                                                                                                                                                                                                                                                     |
| Bitrate:                       | 24 ... 8192 kbps @ H.264                                                                                                                                                                                                                                                                                                                                              |
| 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, Web Viewer                                                                                                                                                                                                                                                                                                                                                  |
| Max. number of on-line users:  | 10                                                                                                                                                                                                                                                                                                                                                                    |
| ONVIF:                         | 2.42                                                                                                                                                                                                                                                                                                                                                                  |
| Mobile phones support:         | Port no.: 37777 or access by a cloud (P2P)<br>• Android: Free application <a href="#">DMSS</a> , Android: Free application <a href="#">IMOU</a><br>• iOS (iPhone): Free application <a href="#">DMSS</a> , iOS (iPhone): Free application <a href="#">IMOU</a>                                                                                                        |
| Default admin user / password: | admin / admin                                                                                                                                                                                                                                                                                                                                                         |
| 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                                                                                                                                                                                       |
| Main stream frame rate:        | • 20 fps @ 4.0 Mpx<br>• 25 fps @ 3.0 Mpx                                                                                                                                                                                                                                                                                                                              |
| Main features:                 | • Motozoom lens - Controlling from browser, NVR or software<br>• 3D-DNR - Digital Noise Reduction<br>• WDR - 120 dB - Wide Dynamic Range<br>• ICR - Movable InfraRed filter<br>• BLC - configurable Back Light Compensation<br>• HLC - High Light Compensation (spot)<br>• D-ZOOM - Digital Zoom<br>• Day/Night mode (color/b&w/auto)<br>• Configurable Privacy Zones |
| Power supply:                  | • PoE (802.3af),<br>• 12 V DC / 810 mA                                                                                                                                                                                                                                                                                                                                |
| Power consumption:             | < 9.75 W                                                                                                                                                                                                                                                                                                                                                              |
| Housing:                       | Dome - Metal                                                                                                                                                                                                                                                                                                                                                          |
| Color:                         | White                                                                                                                                                                                                                                                                                                                                                                 |
| Vandal-proof:                  | —                                                                                                                                                                                                                                                                                                                                                                     |
| "Index of Protection":         | IP67                                                                                                                                                                                                                                                                                                                                                                  |



## DATA SHEET

|                       |                  |
|-----------------------|------------------|
| Operation temp:       | -30 °C ... 60 °C |
| Weight:               | 0.584 kg         |
| Dimensions:           | Ø 122 x 105 mm   |
| Supported languages:  | English, Polish  |
| Manufacturer / Brand: | DAHUA            |
| Guarantee:            | 2 years          |