

Code: IPC-HDW4831EM-ASE-0400B

## IP CAMERA **IPC-HDW4831EM-ASE-0400B** - 8.3 Mpx 4 mm DAHUA

IP camera with efficient H.264/H.265/MJPEG image compression algorithm for clear and smooth video streaming at maximal resolution of 3840 x 2160 (8.3 MPx). 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.



|                           |                                                                                                                                                                                                                                                                                            |
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| Standard:                 | TCP/IP                                                                                                                                                                                                                                                                                     |
| Sensor:                   | 1/2.5 " Progressive Scan CMOS                                                                                                                                                                                                                                                              |
| Scanning system:          | Progressive                                                                                                                                                                                                                                                                                |
| Matrix size:              | 8.3 Mpx                                                                                                                                                                                                                                                                                    |
| Resolution:               | 3840 x 2160 - 8.3 Mpx ,<br>3072 x 2048 - 6.3 Mpx ,<br>3072 x 1728 - 5.3 Mpx ,<br>2592 x 1944 - 5.0 Mpx ,<br>2688 x 1520 - 4.0 Mpx ,<br>2560 x 1440 - 3.7 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:                     | 4 mm                                                                                                                                                                                                                                                                                       |
| View angle:               | • 88 ° (manufacturer data)<br>• 86 ° (our tests result)                                                                                                                                                                                                                                    |
| Range of IR illumination: | 50 m                                                                                                                                                                                                                                                                                       |
| S/N ratio:                | > 50 dB                                                                                                                                                                                                                                                                                    |



# DATA SHEET

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|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Memory card slot:              | Micro SD memory cards up to 128GB support (possible local recording)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Image compression method:      | H.265 / H.264 / MJPEG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Alarm inputs / outputs:        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Audio:                         | <ul style="list-style-type: none"><li>• Microphone built-in</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:        | 15 fps @ 8.3 Mpx<br>20 fps @ 6.3 Mpx<br>25 fps @ 5.3 Mpx                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Network interface:             | 10/100 Base-T (RJ-45)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Network protocols:             | HTTP, HTTPS, TCP, ARP, RTSP, RTP, UDP, SMTP, FTP, DHCP, DNS, DDNS, PPPoE, IPv4/IPv6, 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>• 3D-DNR - Digital Noise Reduction</li><li>• WDR - 120 dB - Wide Dynamic Range</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>• Configurable Privacy Zones</li><li>• Motion Detection</li><li>• Mirror - Mirror image</li><li>• Audio detection</li><li>• IVS analysis : scene changing, crossing the line (tripwire), intrusion, abandoned/missing object, face detection</li></ul> |
| 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 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                                                                                                                                                                                                                                                                                                                                                                           |
| Color:                         | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Vandal-proof:                  | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Power supply:                  | <ul style="list-style-type: none"><li>• PoE (802.3af),</li><li>• 12 V DC / 500 mA</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |



## DATA SHEET

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|------------------------|------------------|
| Power consumption:     | < 6 W            |
| Housing:               | Dome, Metal      |
| "Index of Protection": | IP67             |
| Operation temp:        | -30 °C ... 60 °C |
| Dimensions:            | Ø 106 x 94 mm    |
| Weight:                | 0.47 kg          |
| Supported languages:   | English, Polish  |
| Manufacturer / Brand:  | DAHUA            |
| Guarantee:             | <b>3 years</b>   |