

Code: IPC-HDW3842EM-S-0280B

IP CAMERA **IPC-HDW3842EM-S-0280B** WizSense - 8.3 Mpx 4K UHD 2.8 mm DAHUA

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 8.3 MPx, 4K UHD.

PoE powering possibility, compatible with the 802.3af standard makes the device more universal and easier to install. The range of IR illumination according to the manufacturer data, depends on outer conditions (visibility - air transparency, environment, wall colors ie. scene reflectance).

Thanks to the "Starlight" technology used, the camera only needs very low lighting to obtain a clear color image.



| | |
|---------------------------|---|
| Standard: | TCP/IP |
| Sensor: | 1/1.8 " Progressive Scan CMOS |
| Matrix size: | 8.3 Mpx |
| Resolution: | 3840 x 2160 - 8.3 Mpx 4K UHD , 3072 x 2048 - 6 Mpx , 3072 x 1728 - 5 Mpx , 2592 x 1944 - 5 Mpx , 2688 x 1520 - 4 Mpx , 2560 x 1440 - 3.7 Mpx , 2048 x 1536 - 3 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 960 - 1.3 Mpx , 1280 x 720 - 720p |
| Lens: | 2.8 mm |
| View angle: | <ul style="list-style-type: none"> • 111 ° (manufacturer data) • 105 ° (our tests result) |
| Range of IR illumination: | 30 m |
| Memory card slot: | Micro SD memory cards up to 256GB support (possible local recording) |



DATA SHEET

| | |
|--------------------------------|--|
| Image compression method: | H.265+ / H.265 / H.264+ / H.264 / MJPEG |
| Alarm inputs / outputs: | — |
| Audio: | <ul style="list-style-type: none">• Microphone built-in• Audio detection• Audio transmission via network• Compliance with the AAC standard |
| Main stream frame rate: | 25 fps @ 8.3 Mpx |
| Network interface: | 10/100 Base-T (RJ-45) |
| Network protocols: | IPv4/IPv6, HTTP, TCP, UDP, ARP, RTP, RTSP, RTCP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, QoS, UPnP, NTP, Multicast, ICMP, IGMP, NFS, PPPoE SNMP, P2P |
| WEB Server: | Built-in |
| Max. number of on-line users: | 20 |
| ONVIF: | 22.06 |
| Main features: | <ul style="list-style-type: none">• WDR - 120 dB - Wide Dynamic Range• 3D-DNR - Digital Noise Reduction• ROI - improve the quality of selected parts of image• F-DNR (Defog) - Reduction of image noise caused by precipitation• AI SSA AI Smart Scene Adaptive - scene auto-adaptation using deep learning algorithms to detect environmental conditions such as rain, fog, backlight, low light and flickering, in order to set the optimal image parameters• SMD 4.0 - searching for an object classified as: human, motor vehicle - increased detection distance and resistance to false alarms• Quick Pick - AI technology enabling, together with the recorder, quick identification of interesting objects (people/vehicles) based on an artificial intelligence algorithm. It allows to extract and compare the colors of clothes and vehicles• NAS - Network Attached Storage support - allows to connect memory resources directly to the computer network• BLC/HLC - Back Light / High Light Compensation• Possibility to change the resolution, quality and bit rate• Audio detection• Motion Detection• Configurable Privacy Zones• Image rotation and mirror• IVS analysis : intrusion, crossing the line (tripwire) - classification of people and vehicles, scene changing |
| Mobile phones support: | Port no.: 37777 or access by a cloud (P2P) <ul style="list-style-type: none">• Android: Free application DMSS• iOS (iPhone): Free application DMSS |
| Default IP address: | 192.168.1.108 |
| Default admin user / password: | admin / - The administrator password should be set at the first start |
| 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 rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream |



DATA SHEET

| | |
|------------------------|---|
| Power supply: | <ul style="list-style-type: none">• PoE (802.3af),• 12 V DC / 650 mA |
| Power consumption: | <ul style="list-style-type: none">• ≤ 7.8 W @ 12 V DC• ≤ 9.1 W @ PoE |
| Housing: | Dome - Metal |
| Color: | White |
| "Index of Protection": | IP67 |
| Operation temp: | -40 °C ... 60 °C |
| Weight: | 0.55 kg |
| Dimensions: | Ø 106 x 99 mm |
| Supported languages: | Polish, English, Czech, French, Spanish, Dutch, German, Portuguese, Russian, Romanian, Turkish, Ukrainian, Hungarian, Italian |
| Manufacturer / Brand: | DAHUA |
| Guarantee: | 3 years |