

Code: IPC-HFW5831E-Z5E-0735

IP VANDALPROOF CAMERA **IPC-HFW5831E-Z5E-0735** - 8.3 Mpx, 4K UHD 7 ... 35 mm - MOTOZOOM DAHUA

IP camera with efficient H.265 / H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 3840 x 2160 - 4K. Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition. The used motozoom lens with 7 ... 35 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. 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.



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| Standard: | TCP/IP |
| Sensor: | 1/2.5 " STARVIS™ CMOS |
| Matrix size: | 8.3 Mpx |
| Resolution: | 3840 x 2160 - 8.3 Mpx, 4K UHD 3072 x 2048 - 6.3 Mpx , 3072 x 1728 - 5.3 Mpx , 2592 x 1944 - 5.0 Mpx , 2688 x 1520 - 4.0 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3.0 Mpx , 1920 x 1080 - 1080p 1280 x 1024 - 1.4 Mpx 1280 x 960 - 1.3 Mpx 1280 x 720 - 720p |
| Lens: | 7 ... 35 mm - Motozoom |
| View angle: | <ul style="list-style-type: none"> • 38 ° ... 14 ° (manufacturer data) • 37 ° ... 11 ° (our tests result) |
| Range of IR illumination: | 100 m |
| S/N ratio: | > 50 dB |
| RS-485 interface: | — |
| Memory card slot: | Micro SD memory cards up to 128GB support (possible local recording) |



DATA SHEET

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| Image compression method: | H.265 / H.264 / MJPEG |
| Alarm inputs / outputs: | 2 / 1 |
| Audio: | <ul style="list-style-type: none">• External microphone input• Audio output• Bi-directional audio streaming support• Audio detection |
| Bitrate: | 24 kb/s ... 10240 kb/s - H.264 14 kb/s ... 9984 kb/s - H.265 |
| Network interface: | 10/100 Base-T (RJ-45) |
| Network protocols: | HTTP, HTTPS, ARP, IPv4/IPv6, TCP, RTSP, RTP, UDP, SMTP, FTP, DHCP, DNS, DDNS, PPPoE, UPnP, NTP, QoS, Bonjour, IEEE 802.1x, Multicast, ICMP, IGMP, SNMP |
| WEB Server: | Built-in, Web Viewer |
| Max. number of on-line users: | 20 |
| ONVIF: | 16.12 |
| Main stream frame rate: | 15 fps @ 8.3 Mpx 25 fps @ 5.3 Mpx |
| 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 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 rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream |
| Main features: | <ul style="list-style-type: none">• Motozoom lens• 3D-DNR - Digital Noise Reduction• WDR - Wide Dynamic Range• ROI - improve the quality of selected parts of image• ICR - Movable InfraRed filter• Motion Detection• IVS analysis : crossing the line (tripwire), intrusion, abandoned/missing object, face detection• WB - White Balance (ATW/AWB/manual/indoor/outdoor)• BLC - configurable Back Light Compensation• HLC - High Light Compensation (spot)• Configurable Privacy Zones• D-ZOOM - Digital Zoom• Mirror - Mirror image• Sharpness - sharper image outlines• Adaptive adjusting of the IR illuminator power to the lens zoom and outdoor light conditions |

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| Power supply: | <ul style="list-style-type: none">• PoE (802.3af),• ePoE,• 12 V DC / 1080 mA |
| Power consumption: | ≤ 12.95 W |
| Housing: | Compact - Metal |
| Color: | White |
| Vandal-proof: | IK10 |
| "Index of Protection": | IP67 |
| Operation temp: | -30 °C ... 60 °C |
| Weight: | 1.01 kg |
| Dimensions: | 274 x 95 x 95 mm |
| Supported languages: | Polish, English, Czech |
| Manufacturer / Brand: | DAHUA |
| Guarantee: | 3 years |