

Code: DH-IPC-HFW81200EP-Z

IP CAMERA **DH-IPC-HFW81200EP-Z** - 12.0 Mpx 4.1 ... 16.4 mm - MOTOZOOM DAHUA

IP camera with efficient H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 4000 x 3000 (12.0 MPx). Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition. The used motozoom lens with 4.1 ... 16.4 mm focal length allows to remote view angle adjustment.

Very easy operation by Internet Explorer browser allows the users to convenient and remote support, and also remote management of the camera. Included camera software enables management and integrated monitoring of many network cameras. IVS analysis - crossing the line (tripwire), intrusion, scene changing, abandoned/missing object, face detection, people counting.



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| Standard: | TCP/IP |
| Sensor: | 1/1.7 " Progressive Scan CMOS |
| Matrix size: | 12.0 Mpx |
| Resolution: | 4000 x 3000 - 12.0 Mpx , 4096 x 2160 - 8.8 Mpx , 3840 x 2160 - 8.3 Mpx , 1920 x 1080 - 1080p 1280 x 1024 - 1.4 Mpx 1280 x 960 - 1.3 Mpx 1280 x 720 - 720p |
| Lens: | 4.1 ... 16.4 mm - Motozoom |
| View angle: | 85 ° ... 34 ° |
| Compression: | H.264 / MJPEG |
| S/N ratio: | > 50 dB (AGC off) |
| Range of IR illumination: | 50 m |
| Alarm inputs / outputs: | 2 / 1 |
| Bitrate: | 136 kb/s ... 12288 kb/s - H.264 |
| Main stream frame rate: | 15 fps @ 12.0 Mpx 25 fps @ 8.8 Mpx |
| Network interface: | 10/100 Base-T (RJ-45) |



DATA SHEET

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| Default admin user / password: | admin / admin |
| 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 |
| Default IP address: | 192.168.1.108 |
| Audio: | <ul style="list-style-type: none">• External microphone input• Audio output• Bi-directional audio streaming support• Audio detection |
| Web browser access ports: | 80, 37777 |
| PC client access ports: | 37777 |
| WEB Server: | Built-in, NVR compliance |
| Memory card slot: | Micro SD memory cards up to 128GB support (possible local recording) |
| Mobile client access ports: | 37777 |
| Max. number of on-line users: | 20 |
| Port ONVIF: | 80 |
| ONVIF: | 2.42 |
| 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 |
| Mobile phones support: | Port no.: 37777 or access by a cloud (P2P) <ul style="list-style-type: none">• Android: Free application DMSS, Android: Free application IMOU• iOS (iPhone): Free application DMSS, iOS (iPhone): Free application IMOU |
| RS-485 interface: | — |
| Main features: | <ul style="list-style-type: none">• ICR - Movable InfraRed filter• DNR - Digital Noise Reduction• AGC - Automatic Gain Control• ABF - (Auto Back Focus) - auto focus correction during day/night operation modes switching• Heat map - the selection in the image by corresponding colors the areas with different traffic• IVS analysis - crossing the line (tripwire), intrusion, scene changing, abandoned/missing object, face detection, people counting• WB - White Balance (ATW/AWB/manual/indoor/outdoor)• WDR - Wide Dynamic Range• BLC - configurable Back Light Compensation• HLC - High Light Compensation (spot)• Day/Night mode (color/b&w/auto)• Audio detection• Motion Detection• Configurable Privacy Zones• Mirror - Mirror image• Sharpness - sharper image outlines |
| Power consumption: | ≤ 24 W |
| Color: | White |
| "Index of Protection": | IP67 |
| Power supply: | <ul style="list-style-type: none">• PoE (802.3at),• 12 V DC / 2000 mA |



DATA SHEET

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| Housing: | Compact, Metal / Plastic |
| Supported languages: | English |
| Operation temp: | -40 °C ... 60 °C |
| Manufacturer / Brand: | DAHUA |
| Weight: | 1.154 kg |
| Dimensions: | 273 x 94 x 94 mm |
| Guarantee: | 3 years |