

Code: DH-IPC-HF8530EP

## IP CAMERA **DH-IPC-HF8530EP** 5.0 Mpx DAHUA

IP camera with efficient H.264/H.265/MJPEG image compression algorithm for clear and smooth video streaming at maximal resolution of 2560 x 1920 (5.0 MPx). 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. PoE powering possibility, compatible with the 802.3af standard makes the device more universal and easier to install.



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|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                 | TCP/IP                                                                                                                                                                    |
| Sensor:                   | 1/1.8 " Progressive Scan CMOS                                                                                                                                             |
| Matrix size:              | 5.0 Mpx                                                                                                                                                                   |
| Resolution:               | 2560 x 1920 - 5.0 Mpx ,<br>2048 x 1536 - 3.0 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 ,<br>704 x 576 - D1 |
| Video output:             | 1 Vpp / 75 Ω                                                                                                                                                              |
| Lens:                     | —                                                                                                                                                                         |
| Auto Iris socket:         | DC                                                                                                                                                                        |
| Min. illumination:        | • 0.01 Lux (color) / F1.2<br>• 0.001 Lux (B/W) / F1.2                                                                                                                     |
| S/N ratio:                | > 50 dB                                                                                                                                                                   |
| Image compression method: | H.264 / H.264B / H.264H / H.265 / MJPEG                                                                                                                                   |
| Alarm inputs / outputs:   | 2 / 1                                                                                                                                                                     |
| RS-485 interface:         | ✓                                                                                                                                                                         |
| Protocols:                | Pelco-D, Pelco-P and others                                                                                                                                               |
| Bitrate:                  | 48 kbps ... 8192 kbps - H.264                                                                                                                                             |



# DATA SHEET

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| Main stream frame rate:       | 25 fps - 5 Mpx                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Audio:                        | <ul style="list-style-type: none"><li>• Microphone built-in</li><li>• External microphone input</li><li>• Audio output</li><li>• Bi-directional audio streaming support</li><li>• Audio detection</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| WEB Server:                   | Built-in, NVR compliance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Max. number of on-line users: | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| ONVIF:                        | 2.41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Memory card slot:             | The microSD cards support max. 64 GB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Mobile phones support:        | Port 37777<br><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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Main features:                | <ul style="list-style-type: none"><li>• ICR - Movable InfraRed filter</li><li>• DNR - Digital Noise Reduction</li><li>• AGC - Automatic Gain Control</li><li>• ABF - (Auto Back Focus) - auto focus correction during day/night operation modes switching</li><li>• WB - White Balance (ATW/AWB/manual/indoor/outdoor)</li><li>• WDR - Wide Dynamic Range</li><li>• BLC - configurable Back Light Compensation</li><li>• HLC - High Light Compensation (spot)</li><li>• Day/Night mode (color/b&amp;w/auto)</li><li>• Motion Detection</li><li>• IVS analysis - crossing the line (tripwire), intrusion, scene changing, abandoned/missing object, face detection, people counting</li><li>• Audio detection</li><li>• Configurable Privacy Zones</li><li>• Mirror - Mirror image</li><li>• Sharpness - sharper image outlines</li></ul> |
| Power supply:                 | <ul style="list-style-type: none"><li>• 12 V DC</li><li>• 24 V AC</li><li>• PoE (802.3af)</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Power consumption:            | < 10 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Housing:                      | BOX, Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Color:                        | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Operation temp:               | -30 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Weight:                       | 0.545 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Dimensions:                   | 136 x 74 x 65 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Manufacturer / Brand:         | DAHUA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Supported languages:          | English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Guarantee:                    | <b>3 years</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |