

Code: DH-IPC-HF5431EP

IP CAMERA **DH-IPC-HF5431EP** - 4.0 Mpx DAHUA

IP camera with efficient H.264 / H.265 / MJPEG image compression algorithm for clear and smooth video streaming at maximal resolution of 2688 x 1520 (4.0 MPx). PoE powering possibility, compatible with the 802.3af standard makes the device more universal and easier to install.



Standard:	TCP/IP
Sensor:	1/3 " Progressive Scan CMOS
Matrix size:	4.0 Mpx
Resolution:	2688 x 1520 - 4.0 Mpx , 2560 x 1440 - 3.6 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
Video output:	1 Vpp / 75 Ω
Lens:	—
Auto Iris socket:	DC
Min. illumination:	• 0.01 Lux (color) / F1.2 • 0.001 Lux (B/W) / F1.2
S/N ratio:	> 50 dB
Image compression method:	H.265 / H.264 / MJPEG
Alarm inputs / outputs:	2 / 1
RS-485 interface:	✓
Protocols:	Pelco-D, Pelco-P and others



DATA SHEET

Bitrate:	24 kbps ... 10240 kbps - H.264 14 kbps ... 9984 kbps - H.265
Main stream frame rate:	25 fps - 4 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/v6, QoS, UPnP, NTP, Bonjour, 802.1x, Multicast, ICMP, IGMP, SNMP
Audio:	• Microphone built-in • External microphone input • Audio output • Bi-directional audio streaming support • Audio detection
WEB Server:	Built-in, NVR compliance
Max. number of on-line users:	20
ONVIF:	2.42
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)
Mobile phones support:	Port no.: 37777 or access by a cloud (P2P) • Android: Free application DMSS / Android: Free application IMOU • iOS (iPhone): Free application DMSS / iOS (iPhone): Free application IMOU
Main features:	• ICR - Movable InfraRed filter • 3D-DNR - Digital Noise Reduction • AGC - Automatic Gain Control • ABF - (Auto Back Focus) - auto focus correction during day/night operation modes switching • WB - White Balance (ATW/AWB/manual/indoor/outdoor) • WDR - 120 dB - Wide Dynamic Range • BLC - configurable Back Light Compensation • HLC - High Light Compensation (spot) • Day/Night mode (color/b&w/auto) • Motion Detection • IVS analysis : crossing the line (tripwire), intrusion, scene changing, abandoned/missing object, face detection • Audio detection • Configurable Privacy Zones • Mirror - Mirror image • Sharpness - sharper image outlines
Power supply:	• PoE (802.3af), • 12 V DC, • 24 V AC
Power consumption:	< 5 W
Housing:	BOX, Metal
Color:	White
Operation temp:	-30 °C ... 60 °C
Supported languages:	English, Polish
Weight:	0.526 kg
Dimensions:	136 x 74 x 65 mm
Manufacturer / Brand:	DAHUA
Guarantee:	3 years