

Code: IPC-HF5431E-E

IP CAMERA **IPC-HF5431E-E** - 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.

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.



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:	• 0.02 Lux (color) / F1.2 • 0.01 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/IPv6, QoS, UPnP, NTP, Bonjour, IEEE 802.1x, Multicast, ICMP, IGMP, SNMP
Audio:	<ul style="list-style-type: none">• 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:	16.12
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) <ul style="list-style-type: none">• Android: Free application DMSS• iOS (iPhone): Free application DMSS
Main features:	<ul style="list-style-type: none">• WDR - 120 dB - Wide Dynamic Range• 3D-DNR - Digital Noise Reduction• ABF - (Auto Back Focus) - auto focus correction during day/night operation modes switching• AGC - Automatic Gain Control• WB - White Balance (ATW/AWB/manual/indoor/outdoor)• ICR - Movable InfraRed filter• BLC - configurable Back Light Compensation• HLC - High Light Compensation (spot)• Day/Night mode (color/b&w/auto)• Motion Detection• Configurable Privacy Zones• Mirror - Mirror image• IVS analysis : crossing the line (tripwire), intrusion, scene changing, abandoned/missing object, face detection• Audio detection• Sharpness - sharper image outlines
Power supply:	<ul style="list-style-type: none">• PoE (802.3af),• ePoE,• 12 V DC,• 24 V AC
Power consumption:	< 8 W
Housing:	BOX, Metal
Color:	White
Operation temp:	-30 °C ... 60 °C
Supported languages:	English, Polish
Weight:	0.534 kg
Dimensions:	136 x 74 x 65 mm
Manufacturer / Brand:	DAHUA



DATA SHEET

Guarantee:	3 years
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