

Code: IPC-HF81230E

IP CAMERA **IPC-HF81230E** 12.0 Mpx DAHUA

Net: 1 016.16 CAD Gross: 1 016.16 CAD

IP camera with efficient H.264/MJPEG image compression algorithm for clear and smooth video streaming at maximal resolution of 4000 x 3000 (12.0 MPx).

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.



SPECIFICATION

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 - 8.0 Mpx , 3072 x 2048 - 6.3 Mpx , 2560 x 1920 - 5.0 Mpx , 2048 x 1536 - 3.1 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
Bitrate:	14 kbps ... 9984 kbps - H.265 32 kbps ... 16384 kbps - H.264
Main stream frame rate:	20 fps - 12.0 Mpx 25 fps - 4960 x 2160 px

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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"> • 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:	The microSD cards support max. 128 GB
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"> • 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 - Wide Dynamic Range • BLC - configurable Back Light Compensation • HLC - High Light Compensation (spot) • Day/Night mode (color/b&w/auto) • Motion Detection • Additional "Spot" CVBS output - allows to quick view the image from camera and its configuration without the need to disconnect it from monitoring system • IVS analysis : crossing the line (tripwire), intrusion, scene changing, abandoned/missing object, face detection, people counting • Heat map - the selection in the image by corresponding colors the areas with different traffic • Audio detection • Configurable Privacy Zones • Mirror - Mirror image • Sharpness - sharper image outlines
Power supply:	<ul style="list-style-type: none"> • PoE (802.3af), • 12 V DC, • 24 V AC
Power consumption:	< 8 W
Housing:	BOX, Metal
Color:	White
Operation temp:	-30 °C ... 60 °C
Weight:	0.540 kg
Dimensions:	137 x 74 x 65 mm
Manufacturer / Brand:	DAHUA
Supported languages:	English, Polish
Guarantee:	3 years

PRESENTATION

Front view:



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Side view:



Bottom view:



Rear view:



See how to initialize DAHUA cameras:

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In the kit:



OUR TESTS

Camera image at artificial illumination (about 30Lux):



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Camera image at direct strong light opposite to camera:



Camera image at night conditions with external IR illuminator on:



Camera image at night conditions, at different illumination values show below:

1 LUX:



0.1 LUX:



0.01 LUX:



0.001 LUX:



Record from camera during daylight operation:

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PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg
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