

Code: IPC-HF5231E-E

IP CAMERA **IPC-HF5231E-E** - 1080p DAHUA

Net: **353.47 EUR** Gross: **353.47 EUR**

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 1080p.

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.



SPECIFICATION

Standard:	TCP/IP
Sensor:	1/2.8 " Progressive Scan CMOS
Matrix size:	2.1 Mpx
Resolution:	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:	• 0.004 Lux (color) / F1.2 • 0.002 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:	24 kbps ... 9472 kbps - H.264 14 kbps ... 5632 kbps - H.265
Main stream frame rate:	50 fps - 1080p
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:	• 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) • Android: Free application DMSS • iOS (iPhone): Free application DMSS
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), • 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
Guarantee:	3 years

PRESENTATION

Front view:



DELTA-OPTI Monika Matysiak; <https://www.delta.poznan.pl>
 POL; 60-713 Poznań; Graniczna 10
 e-mail: delta-opti@delta.poznan.pl; tel: +(48) 61 864 69 60



Side view:



Bottom view:



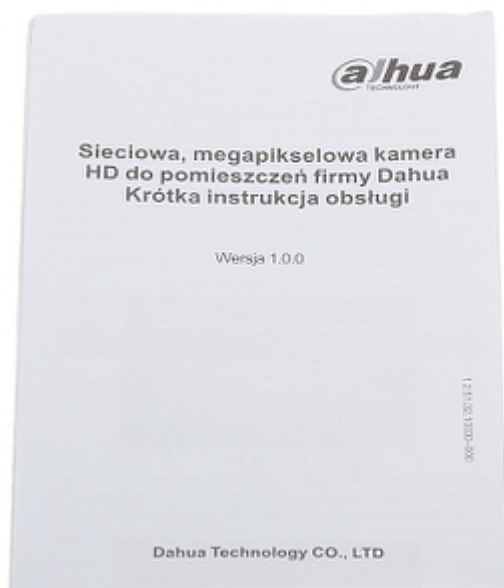
Rear view:



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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 POL; 60-713 Poznań; Graniczna 10
 e-mail: delta-opti@delta.poznan.pl; tel: +(48) 61 864 69 60

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:

10 LUX:



1 LUX:



0.1 LUX:



0.01 LUX:



0.001 LUX:



PACKAGE

Dimensions (L x W x H): 0x0x0 mm

Gross Weight: 0 kg