

Code: IPC-HF8231F-E

IP CAMERA **IPC-HF8231F-E** - 1080p DAHUA

Net: **542.72 EUR** Gross: **542.72 EUR**

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 1920 x 1080 (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 " STARVIS™ CMOS
Matrix size:	2.1 Mpx
Resolution:	1920 x 1080 - 1080p , 1280 x 960 - 1.3 Mpx , 1280 x 720 - 720p
Video output:	1 Vpp / 75 Ω
Lens:	—
Auto Iris socket:	DC
Min. illumination:	• 0.03 Lux (color) / F1.2, 30IRE • 0.01 Lux (B/W) / F1.2, 30IRE
S/N ratio:	> 50 dB
Image compression method:	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Alarm inputs / outputs:	2 / 2
RS-485 interface:	✓
Protocols:	Pelco-D, Pelco-P and others
Bitrate:	24 kbps ... 10240 kbps - H.264 14 kbps ... 6144 kbps - H.265
Main stream frame rate:	50 fps - 1080p
Network interface:	100/1000 Base-T (RJ-45)

Network protocols:	IPv4/IPv6, HTTP, HTTPS, TCP, ARP, RTSP, RTP, UDP, SMTP, FTP, DHCP, DNS, DDNS, PPPoE, QoS, UPnP, NTP, Bonjour, IEEE 802.1x, Multicast, ICMP, IGMP, SNMP, RTCP, TLS
Audio:	• Microphone built-in, • 2 x Audio input • 1 x 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
Default admin user / password:	admin / - The administrator password should be set at the first start
Default IP address:	192.168.1.108
Web browser access ports:	80, 37777
PC client access ports:	37777
Mobile client access ports:	37777
Port ONVIF:	80
RTSP URL:	rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream
Main features:	• WDR - 140 dB - Wide Dynamic Range • F-DNR (Defog) - Reduction of image noise caused by precipitation • ROI - improve the quality of selected parts of image • EIS - Electronic Image Stabilization • 3D-DNR - Digital Noise Reduction • ABF - (Auto Back Focus) - auto focus correction during day/night operation modes switching • BLC - configurable Back Light Compensation • HLC - High Light Compensation (spot) • AGC - Automatic Gain Control • ICR - Movable InfraRed filter • Day/Night mode (color/b&w/auto) • Mirror - Mirror image • Sharpness - sharper image outlines • Configurable Privacy Zones • Motion Detection • Audio detection • Heat map - the selection in the image by corresponding colors the areas with different traffic • IVS analysis : crossing the line (tripwire), intrusion, abandoned/missing object, face detection, people counting
Power supply:	• ePoE, • PoE (802.3af), • 12 V DC / 460 mA, • 24 V AC / 230 mA
Power consumption:	< 5.5 W
Housing:	BOX, Metal
Color:	White + Black
Operation temp:	-30 °C ... 60 °C
Weight:	0.75 kg
Dimensions:	162 x 86 x 74 mm



Manufacturer / Brand:	DAHUA
Supported languages:	Polish, English, Bulgarian, Czech, Danish, Finnish, Greek, Norwegian, Swedish, Hungarian
Guarantee:	3 years

PRESENTATION

Front view:



Side view:



Bottom view:



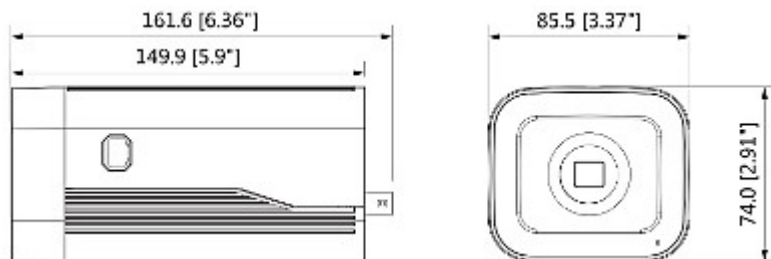
DELTA-OPTI Monika Matysiak; <https://www.delta.poznan.pl>
POL; 60-713 Poznań; Graniczna 10
e-mail: delta-opti@delta.poznan.pl; tel: +(48) 61 864 69 60



Rear view:

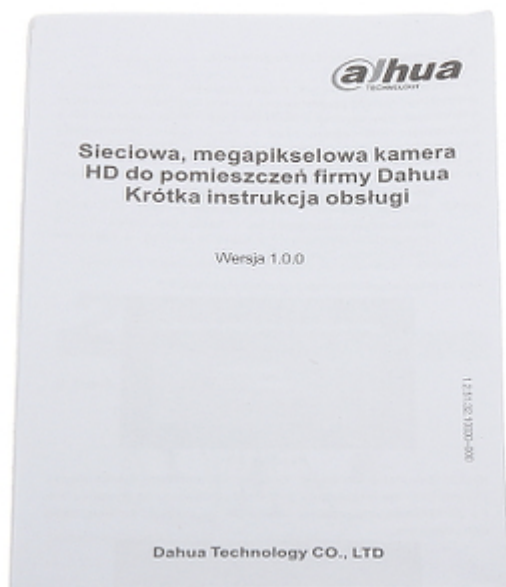


Dimensions:



See how to initialize DAHUA cameras:

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In the kit:



OUR TESTS

Camera image at artificial illumination (about 30Lux):



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:



PACKAGE

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