

Code: IPC-HF81230E-E

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

IP camera with efficient H.265 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.

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:	1/1.7 " 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 960 - 1.3 Mpx , 1280 x 720 - 720p
Video output:	1 Vpp / 75 Ω
Lens:	—
Auto Iris socket:	DC
Min. illumination:	• 0.05 Lux (color) / F1.2 • 0.005 Lux (B/W) / F1.2
S/N ratio:	> 50 dB
Image compression method:	H.265 / H.265+ / H.264 / H.264+ / MJPEG
Alarm inputs / outputs:	2 / 1
RS-485 interface:	✓



DATA SHEET

Protocols:	Pelco-D, Pelco-P and others
Bitrate:	14 kbps ... 9984 kbps - H.265 24 kbps ... 16384 kbps - H.264
Main stream frame rate:	20 fps - 12.0 Mpx 25 fps - 8.0 Mpx
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
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:	The microSD cards support max. 128 GB
Mobile phones support:	Port no.: 37777 or access by a cloud (P2P) • Android: Free application DMSS • iOS (iPhone): Free application DMSS
Default IP address:	192.168.1.108
Default admin user / password:	admin / - The administrator password should be set at the first start
Web browser access ports:	80, 37777
PC client access ports:	37777
Mobile client access ports:	37777
Port ONVIF:	80
RTSP URL:	rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream

Main features:	• EIS - Electronic Image Stabilization • D-WDR - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • ROI - improve the quality of selected parts of image • F-DNR (Defog) - Reduction of image noise caused by precipitation • BLC - configurable Back Light Compensation • HLC - High Light Compensation (spot) • AGC - Automatic Gain Control • ABF - (Auto Back Focus) - auto focus correction during day/night operation modes switching • Auto White Balance • ICR - Movable InfraRed filter • Day/Night mode (color/b&w/auto) • Motion Detection • Configurable Privacy Zones • Audio detection • Mirror - Mirror image • Sharpness - sharper image outlines • Heat map - the selection in the image by corresponding colors the areas with different traffic • IVS analysis : crossing the line (tripwire), intrusion, scene changing, abandoned/missing object, face detection, people counting
Power supply:	• ePoE, • 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:	0.55 kg
Dimensions:	135 x 74 x 65 mm
Manufacturer / Brand:	DAHUA
Supported languages:	Polish, English, Bulgarian, Czech, Danish, Finnish, Greek, Norwegian, Swedish, Hungarian
Guarantee:	3 years