

Code: IPC-HF8231F

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

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). Very easy operation by Internet Explorer browser allows the users to convenient and remote support, and also remote management of the camera. Included camera software enables management and integrated monitoring of many network cameras. 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.



Standard:	TCP/IP
Sensor:	1/2.8 " Progressive Scan 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:	• 0.002 Lux (color) / F1.2 • 0.0002 Lux (B/W) / F1.2
S/N ratio:	> 50 dB
Image compression method:	H.265 / H.264
Alarm inputs / outputs:	2 / 2
RS-485 interface:	✓
Protocols:	Pelco-D, Pelco-P and others



DATA SHEET

Bitrate:	24 kbps ... 10240 kbps - H.264 14 kbps ... 6144 kbps - H.265
Main stream frame rate:	50 fps - 1080p
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:	• 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:	2.42
Memory card slot:	Micro SD memory cards up to 64GB 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 / admin
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: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:	• ICR - Movable InfraRed filter • 3D-DNR - Digital Noise Reduction • WDR - 140 dB - Wide Dynamic Range • AGC - Automatic Gain Control • ABF - (Auto Back Focus) - auto focus correction during day/night operation modes switching • F-DNR (Defog) - Reduction of image noise caused by precipitation • 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, abandoned/missing object, face detection, people counting, heat map • Audio detection • Configurable Privacy Zones • Mirror - Mirror image • Sharpness - sharper image outlines
Power supply:	• PoE (802.3af), • 12 V DC / 460 mA, • 24 V AC / 230 mA



DATA SHEET

Power consumption:	< 5.5 W
Housing:	BOX, Metal
Color:	White / Black
Operation temp:	-30 °C ... 60 °C
Weight:	0.775 kg
Dimensions:	162 x 86 x 74 mm
Manufacturer / Brand:	DAHUA
Supported languages:	English, Polish
Guarantee:	3 years

