

Code: DH-IPC-HFW4231DP-AS

IP CAMERA **DH-IPC-HFW4231DP-AS** - 1080p 6 mm DAHUA

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.



Standard:	TCP/IP
Sensor:	1/2.8 " Progressive Scan CMOS
Matrix size:	2.1 Mpx
Scanning system:	Progressive
Resolution:	1920 x 1080 - 1080p 1280 x 1024 - 1.4 Mpx 1280 x 960 - 1.3 Mpx 1280 x 720 - 720p
Lens:	6 mm
View angle:	• 51 ° (manufacturer data) • 54 ° (our tests result)
Range of IR illumination:	80 m
S/N ratio:	> 50 dB
RS-485 interface:	—
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)
Image compression method:	H.265 / H.264 / MJPEG
Alarm inputs / outputs:	1 / 1



DATA SHEET

Audio:	• External microphone input • Audio output • Audio detection
Bitrate:	• 384 kbps ... 10240 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:	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
WEB Server:	Built-in
Max. number of on-line users:	20
ONVIF:	2.42
Mobile phones support:	Port no.: 37777 or access by a cloud (P2P) • Android: Free application DMSS, Android: Free application IMOU • iOS (iPhone): Free application DMSS, iOS (iPhone): Free application IMOU
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:	• 3D-DNR - Digital Noise Reduction • WDR - 120 dB - Wide Dynamic Range • ICR - Movable InfraRed filter • IVS analysis : crossing the line (tripwire), intrusion, scene changing, abandoned/missing object, face detection • Audio detection • Configurable Privacy Zones • D-ZOOM - Digital Zoom • BLC/HLC - Back Light / High Light Compensation • Possibility to change the resolution, quality and bit rate • Mirror - Mirror image
Power supply:	• PoE (802.3af), • 12 V DC / 620 mA
Power consumption:	≤ 7.5 W
Housing:	Compact - Metal / Plastic
Color:	White
"Index of Protection":	IP67
Operation temp:	-30 °C ... 60 °C
Weight:	0.754 kg



DATA SHEET

Dimensions:	242 x 90 x 90 mm
Supported languages:	English, Polish
Manufacturer / Brand:	DAHUA
Guarantee:	3 years