DATA SHEET

Code: IPC-HFW1431S-0280B-BLACK

IP CAMERA **IPC-HFW1431S-0280B-BLACK** 4 Mpx 2.8 mm DAHUA

IP camera with efficient H.265 / H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 4 MPx.
The range of IR illumination according to the manufacturer data, depends on outer conditions (visibility - air transparency, environment, wall colors ie. scene reflectance).
PoE powering possibility, compatible with the 802.3af standard makes the device more universal and easier to install.



Standard:	TCP/IP
Sensor:	1/3 " Progressive Scan CMOS
Matrix size:	4 Mpx
Scanning system:	Progressive
Resolution:	2688 x 1520 - 4 Mpx , 2304 x 1296 - 3.0 Mpx , 1920 x 1080 - 1080p 1280 x 960 - 1.3 Mpx 1280 x 720 - 720p
Lens:	2.8 mm
View angle:	• 104 ° (manufacturer data) • 97 ° (our tests result)
Range of IR illumination:	30 m
S/N ratio:	> 50 dB
RS-485 interface:	–
Memory card slot:	–
Image compression method:	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Alarm inputs / outputs:	–

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Audio:	–
Bitrate:	• 32 kbps ... 10240 kbps - H.264 • 12 kbps 8448 kbps H.265
Main stream frame rate:	• 20 fps @ 4 Mpx • 25 fps @ 3 Mpx
Network interface:	10/100 Base-T (RJ-45)
Network protocols:	HTTP, HTTPS, TCP, ARP, RTSP, RTP, RTCP, UDP, SMTP, FTP, DHCP, DNS, DDNS, PPPoE, IPv4/IPv6, QoS, UPnP, NTP, Bonjour, IEEE 802.1x, Multicast, ICMP, IGMP, TLS
WEB Server:	Built-in
Max. number of on-line users:	20
ONVIF:	16.12
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 - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • ROI - improve the quality of selected parts of image • BLC - Back Light Compensation • HLC - High Light Compensation (spot) • Possibility to change the resolution, quality and bit rate • Motion Detection • Configurable Privacy Zones • Mirror - Mirror image • IVS analysis : intrusion, crossing the line (tripwire), scene changing
Power supply:	• PoE (802.3af), • 12 V DC / 460 mA
Power consumption:	≤ 5.5 W
Housing:	Compact - Aluminum
Color:	Black
"Index of Protection":	IP67
Operation temp:	-30 °C ... 60 °C
Weight:	0.4 kg

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Dimensions:	Ø 70 x 165 mm
Supported languages:	Polish, English, Czech, French, Spanish, Dutch, German, Portuguese, Russian, Italian
Manufacturer / Brand:	DAHUA
Guarantee:	**3 years**

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