

Code: IPC-HFW2841S-S-0280B

IP CAMERA **IPC-HFW2841S-S-0280B** WizSense - 8.3 Mpx 4K UHD 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 8 MPx.

PoE powering possibility, compatible with the 802.3af standard makes the device more universal and easier to install. The range of IR illumination according to the manufacturer data, depends on outer conditions (visibility - air transparency, environment, wall colors ie. scene reflectance).

Thanks to the "Starlight" technology used, the camera only needs very low lighting to obtain a clear color image.



Standard:	TCP/IP
Sensor:	1/2.7 " Progressive Scan CMOS
Matrix size:	8.3 Mpx
Resolution:	3840 x 2160 - 8.3 Mpx 4K UHD , 3072 x 2048 - 6 Mpx , 3072 x 1728 - 5 Mpx , 2880 x 1620 - 4.7 Mpx , 2688 x 1520 - 4 Mpx , 2048 x 1536 - 3 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 960 - 1.3 Mpx , 1280 x 720 - 720p
Lens:	2.8 mm
View angle:	• 106 ° (manufacturer data) • 100 ° (our tests result)
Range of IR illumination:	30 m
RS-485 interface:	—
Memory card slot:	Micro SD memory cards up to 256GB support (possible local recording)
Image compression method:	H.265+ / H.265 / H.264 / H.264+ / MJPEG



DATA SHEET

Alarm inputs / outputs:	—
Audio:	• Microphone built-in • Audio transmission via network • Audio detection • Compliance with the AAC standard
Main stream frame rate:	20 fps @ 8.3 Mpx 25 fps @ 4 Mpx
Network interface:	10/100 Base-T (RJ-45)
Network protocols:	IPv4/IPv6, HTTP, TCP, UDP, ARP, RTP, RTSP, RTCP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, QoS, UPnP, NTP, Multicast, ICMP, IGMP, NFS, PPPoE, Bonjour
WEB Server:	Built-in
Max. number of on-line users:	20
ONVIF:	21.12
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:	• WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • ROI - improve the quality of selected parts of image • BLC/HLC - Back Light / High Light Compensation • NAS - Network Attached Storage support • Possibility to change the resolution, quality and bit rate • Motion Detection • Privacy zones • Configurable Privacy Zones • Mirror - Mirror image • SMD PLUS - searching for an object classified as: human, motor vehicle • IVS analysis : intrusion, crossing the line (tripwire) - classification of people and vehicles
Power supply:	• PoE (802.3af), • 12 V DC / 460 mA
Power consumption:	• ≤ 5.4 W @ PoE • ≤ 4.5 @ 12 V DC
Housing:	Compact - Metal
Color:	White



DATA SHEET

"Index of Protection":	IP67
Operation temp:	-40 °C ... 60 °C
Weight:	0.47 kg
Dimensions:	Ø 70 x 166 mm
Supported languages:	Polish, English, Czech, French, Spanish, Dutch, German, Portuguese, Russian, Turkish, Ukrainian, Hungarian, Italian
Manufacturer / Brand:	DAHUA
Guarantee:	3 years