

Code: IPC-HDW4431EM-AS-0280B-S4

IP CAMERA **IPC-HDW4431EM-AS-0280B-S4** - 4 Mpx 2.8 mm DAHUA

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 2688 x 1520 (4.0 MPx).

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
Scanning system:	Progressive
Matrix size:	4 Mpx
Resolution:	2688 x 1520 - 4 Mpx 2560 x 1440 - 3 Mpx 1920 x 1080 - 1080p 1280 x 960 - 1.3 Mpx 1280 x 720 - 720p
Lens:	2.8 mm
View angle:	• 104 ° (manufacturer data) • 100 ° (our tests result)
Range of IR illumination:	50 m
S/N ratio:	> 50 dB
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)
Image compression method:	H.265+ / H.265 / H.264+ / H.264
Alarm inputs / outputs:	—



DATA SHEET

Audio:	Microphone built-in
Main stream frame rate:	25 fps @ 4.0 Mpx
Network interface:	10/100 Base-T (RJ-45)
Network protocols:	HTTP, HTTPS, TCP, ARP, RTSP, RTP, UDP, SMTP, FTP, DHCP, DNS, DDNS, PPPoE, IPv4/IPv6, QoS, UPnP, NTP, Bonjour, IEEE 802.1x, Multicast, ICMP, IGMP, SNMP
WEB Server:	Built-in
Max. number of on-line users:	20
ONVIF:	16.12
Main features:	• 3D-DNR - Digital Noise Reduction • WDR - 120 dB - Wide Dynamic Range • BLC/HLC - Back Light / High Light Compensation • EIS - Electronic Image Stabilization • ROI - improve the quality of selected parts of image • F-DNR (Defog) - Reduction of image noise caused by precipitation • AGC - Automatic Gain Control • WB - White Balance (ATW/AWB/manual/indoor/outdoor) • ICR - Movable InfraRed filter • Possibility to change the resolution, quality and bit rate • IVS analysis : crossing the line (tripwire), intrusion, abandoned/missing object, face detection • Motion Detection • Configurable Privacy Zones • Mirror - Mirror image
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
Color:	White
Vandal-proof:	—
Power supply:	• PoE (802.3af), • 12 V DC / 420 mA
Power consumption:	≤ 5 W
Housing:	Dome, Metal
"Index of Protection":	IP67
Operation temp:	-30 °C ... 60 °C



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Dimensions:	Ø 106 x 94 mm
Weight:	0.49 kg
Supported languages:	English, Polish
Manufacturer / Brand:	DAHUA
Guarantee:	3 years

