

IPC-HDW4431EMP-ASE-0280B

Kamera IPC-HDW4431EMP-ASE-0280B 4MP

- 4-megapixel IP video camera designed for installation in internal security systems
- Pixels: 2688 x 1520
- Video compression:H. 265+ / H. 265 / H. 264+ / H. 264; 3D DNR; BLC / HLC / WDR(120dB)
- IR=50m
- Fixed lens
- F=2.8 mm
- IP67

Type	IP
Megapixel	4 MP
Objective	Motionless
Focus	2.8 mm
Lighting	IR
Lighting distance	50 m
Protection	IP67
Material	Metal



Model	IPC-HDW4431EMP-ASE-0280B
Camera	
The matrix	1/3" 4 MP Progressive Scan CMOS
Effective pixels	2688 x 1520
RAM / ROM	512 Mb / 32 Mb
Scanning system	Progressive
Electronic shutter speed	Auto / Manual, 1 / 3 (4) ~ 1 / 100000 with
Mines. lighting	0.06 Lux / F1. 6 (Color, 1/3 s, 30IRE) 0.4 Lux / F1. 6 (Color, 1/30 s, 30IRE)

	F1. 6 (IR on)			
Signal-to-noise ratio	More than 50dB			
IR distance	Up to 50 m (164 ft)			
IR Control On / Off	Auto / Manual			
IR LEDs	1			
Lens				
Lens Type	Fixed			
Focal length	2.8 mm			
Max. aperture	F1.6			
Viewing angle	104°			
Optical zoom	No			
Focus Management	Fixed value			
Closed focal length	1.1 m			
DOPE Distance	Detection	Notification	Speech recognition	Identification
	56 m (184 ft)	22 m (72 ft)	11 m (36 ft)	6 m (20 ft)
Panning / Tilt / Rotate				
Pan / Tilt / Rotate Range	Pan:0~ 360; Tilt:0~ 78; Rotation:0~ 360			
Intellectual properties				
IVS	Stretching / Invasion / Abandoned / Lost Objects			
Advanced Smart features	Face recognition			
Video				
Compression	H.265+ / H.265 / H.264+ / H.264			
Streaming capabilities	3 streams			
Permission	4M (2688 × 1520) / 3M (2304 × 1296) / 1080P (1920 × 1080) / 1.3M (1280 x960) / 720P (1280 ×			

	720) / D1 (704 × 576 / 704 × 480) / VGA (640 × 480) / CIF (352 × 288 / 352 × 240)
Frame Rate	Main Stream: 4M (1 ~ 25 / 30 fps)
	Additional stream:D1 (1 ~ 25 / 30 fps)
	Third stream:720P (1 ~ 25/ 10 fps)
Managing the bitrate	CBR / VBR
Data transfer rate	H.264: 24K ~ 10240 Kbps H.265: 14K ~ 9984 Kbps
Day / Night	Auto (ICR) / Color / B / W
BLC Mode	BLC / HLC / WDR(120dB)
White Balance	Auto / Natural / Street Lamp / Outdoor activities / Manually
Gain control	Auto / Manual
Noise reduction	3D DNR
Motion Detection	Off / On (4 Zones, Rectangle)
Area of interest	Off / On (4 Zones)
Electronic Image Stabilization (EIS)	No
Smart IR	Supports
Prevent fogging	No
Digital zoom	16x
Rotate the frame	0° / 90° / 180° / 270°
Display	Off / On
Privacy Mask	Off / On (4 Zones, Rectangle)
Audio	
Compression	G.711a / G.711Mu / AAC / G.726
Network	
Ethernet	RJ-45 (10 / 100Base-T)

Protocol	HTTP; HTTPS; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP;NTP; Bonjour; 802.1 x; Multicast; ICMP; IGMP; SNMP
Compatibility	ONVIF, PSIA, CGI
Streaming method	Unicast / Multicast distribution
Max. user access	10 / 20 users
Keeping	NAS Local PC for instant recording Micro SD Card 128 GB
Web Browsing	IE, Chrome, Firefox, Safari
Management software	Smart PSS, DSS, Easy4ip
Smartphones	IOS, Android
Certificates	
Certificates	CE (EN 60950: 2000) UL:UL60950-1 FCC: FCC, Part 15, Subsection B
Interface	
Video interface	No
Audio interface	Built-in microphone
RS485	No
Anxiety	No
Protection	
Degree of protection	IP67
Vandal-proof protection	No
Environment	
Operating conditions	-30° C ~ +60° C (-22° F ~ +140° F) / less than 95 % RH
Storage conditions	-30° C ~ +60° C (-22° F ~ +140° F) / less than 95 % RH

Electrical properties	
Power supply	DC12V, PoE (802.3 af) (Class 0)
General information	
Body	Metal
Mounting type	Wall mounted
Colour	White
Sizes	Φ106 mm × 93.7 mm (4.17 " × 3.69")
Net Weight	0.47 kg (1.04 lb)
Gross Weight	0.65 kg (1.43 lb)