

# IPC-HDW4231EMP-ASE-0280B

Dahua IPC-HDW4231EMP-ASE-0280B 2 MP IP səsli kamera; Piksel 1920×1080; IR işıqlandırma - 50 m; F2.8 mm; Bucaq-110°;Audio (Mikrofon)



Model	IPC-HDW4231EMP-ASE-0280B
Brend	Dahua
Növ	IP
Meqapixel	2 MP
Mikrofon	Mic
İşıqlandırma məsafəsi	50 m
Obyektiv	Sabit
Fokus	2.8
İşıqlandırma	İR
Qoruma	IP67
Material	Metal

## Specification

Camera					
Image Sensor	1/2.8" 2Megapixel progressive scan CMOS				
Effective Pixels	1920(H) x 1080(V)				
RAM/ROM	256MB/32MB				
Scanning System	Progressive				
Electronic Shutter Speed	Auto/Manual, 1/3(4)-1/100000s				
Minimum Illumination	0.007Lux/F1.6( Color,1/3s,30IRE)				
	0.06Lux/F1.6( Color,1/30s,30IRE)				
	0Lux/F1.6(IR on)				
S/N Ratio	More than 50dB				
IR Distance	Distance up to 50m (164ft)				
IR On/Off Control	Auto/ Manual				
IR LEDs	1				
Lens					
Lens Type	Fixed				
Mount Type	Board-in				
Focal Length	2.8mm (3.6mm,6mm optional)				
Max. Aperture	F1.6 (F1.6, F1.6)				
Angle of View	H:110° (87°, 52°), V:58° (48°, 30°)				
Optical Zoom	N/A				
Focus Control	Fixed				
Close Focus Distance	0.9m(1.2m, 2.5m)				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8 mm	43m(141ft)	17m(56ft)	9m(30ft)	4m(13ft)

3.6 mm	55m(180ft)	22m(72ft)	11m(36ft)	6m(20ft)
6.0 mm	83m(289ft)	33m(108ft)	17m(56ft)	8m(26ft)
Pan/Tilt/Rotation				
Pan/Tilt/Rotation Range		Pan:0°~360°; Tilt:0°~78°; Rotation:0°~360°		
Intelligence				
IVS		Tripwire, Intrusion, Object Abandoned/Missing		
Advanced Intelligent Functions		Face Detection		
Video				
Compression		H.265+/H.265/H.264+/H.264		
Streaming Capability		3 Streams		
Resolution		1080P(1920x1080)/1.3M(1280x960)/ 720P(1280x720)/D1(704x576/704x480)/ VGA(640x480)/CIF(352x288/352x240)		
Frame Rate		Main Stream: 1080P/720P(1~50/60fps) Sub Stream: D1(1 ~50/60fps) Third Stream: 1080P(1~25/30fps)		
Bit Rate Control		CBR/VBR		
Bit Rate		H.264: 24K ~ 1024Kbps H.265: 14K ~ 9984Kbps		
Day/Night		Auto(ICR) / Color / B/W		
BLC Mode		BLC / HLC / WDR(120dB)		

White Balance	Auto/Natural/Street Lamp/Outdoor/Manual
Gain Control	Auto/Manual
Noise Reduction	3D DNR
Motion Detetion	Off / On (4 Zone, Rectangle)
Region of Interest	Off / On (4 Zone)
Electronic Image Stabilization (EIS)	N/A
Smart IR	Support
Defog	N/A
Digital Zoom	16x
Flip	0°/90°/180°/270°
Mirror	Off / On
Privacy Masking	Off / On (4 Area, 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; 802.1x; Multicast; ICMP; IGMP; SNMP
Interoperability	ONVIF, PSIA, CGI
Streaming Method	Unicast / Multicast
Max. User Access	10 Users /20 Users
Edge Storage	NAS Local PC for instant recording Mirco SD card 128GB
Web Viewer	IE, Chrome, Firefox, Safari

Management Software	Smart PSS, DSS, Easy4ip
Smart Phone	IOS, Android
Certifications	
Certifications	CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B
Interface	
Video Interface	N/A
Audio Interface	Built-in Mic
RS485	N/A
Alarm	N/A
Electrical	
Power Supply	DC12V, PoE (802.3af)(Class 0)
Power Consumption	<5.5W

Environmental	
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
Ingress Protection	IP67
Vandal Resistance	N/A
Construction	
Casing	Metal
Dimensions	Φ106mm×93.7mm (4.17"×3.69")
Net Weight	0.47Kg (1.04lb)
Gross Weight	0.65Kg (1.43lb)