

# IPC-HFW2449SP-S-IL-0280B

Dahua IPC-HFW2449SP-S-IL-0280B 4 MP IP Full color (rəngli) səsli WizSense kamera; Piksel 2688×1520; IR işıqlandırma - 30 m; F2.8 mm; Bucaq-95°;Audio(mikrofon)

Model	IPC-HFW2449SP-S-IL-0280B
Brend	Dahua
Növ	IP
Meqapixel	4 MP
İşıqlandırma	LED
İşıqlandırma məsafəsi	30 m
Mikrofon	Mic
Obyektiv	Sabit
Fokus	2.8
Qoruma	IP67
Material	Metal



## Specification

Camera	
Image Sensor	1/2.9" CMOS
Max. Resolution	2688 (H) × 1520 (V)
ROM	128 MB
RAM	128 MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s-1/100,000 s
Min. Illumination	0.006 lux@F1.6 (Color, 30 IRE) 0.0006 lux@F1.6 (B/W, 30 IRE) 0 lux (Illuminator on)
S/N Ratio	>56 dB
Illumination Distance	30 m (98.43 ft) (IR), 30 m (98.43 ft) (Warm light)
Illuminator On/Off Control	Auto;Manual
Illuminator Number	1 (IR LED); 1 (Warm light)
Pan/Tilt/Rotation Range	Pan: 0°-360° Tilt: 0°-90° Rotation: 0°-360°
Lens	
Lens Type	Fixed-focal
Lens Mount	M12
Focal Length	2.8 mm; 3.6 mm
Max. Aperture	F1.6
Field of View	2.8 mm: H: 95°; V: 52°; D: 114°; 3.6 mm: H: 78°; V: 41°; D: 94°
Iris Control	Fixed

Close Focus Distance	2.8 mm: 0.9 m (2.95 ft); 3.6 mm: 1.6 m (5.25 ft)				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8 mm	63.6 m (208.66 ft)	25.4 m (83.33 ft)	12.7 m (41.67 ft)	6.4 m (20.99 ft)
	3.6 mm	85.4 m (280.18 ft)	34.2 m (112.20 ft)	17.1 m (56.10 ft)	8.5 m (27.89 ft)
Intelligence					
IVS (Perimeter Protection)	Intrusion, tripwire (the two functions support the classification and accurate detection of vehicle and human)				
Smart Search	Work together with Smart NVR to perform refine intelligent search, event extraction and merging to event videos				
Video					
Video Compression	H.264H; H.265; H.264; H.264B; MJPEG (Only supported by the sub stream)				
Smart Codec	Smart H.265+; Smart H.264+				
Video Frame Rate	Main stream: 2688 × 1520@(1-20 fps)/2566 × 1440@(1-25/30 fps) Sub stream: 704 × 576@(1-25 fps)/704 × 480@(1-30 fps) *The values above are the max. frame rates of each stream; for multiple streams, the values will be subjected to the total encoding capacity.				
Stream Capability	2 streams				
Resolution	4M (2688 × 1520); 3.6M (2560 × 1440); 3M (2304 × 1296); 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)				
Bit Rate Control	CBR/VBR				
Video Bit Rate	H.264: 32 kbps-6144 kbps; H.265: 12 kbps-6144 kbps				
Day/Night	Auto (ICR)/Color/B/W				
BLC	Yes				
HLC	Yes				
WDR	120 dB				
White Balance	Auto; natural; street lamp; outdoor; manual; regional custom				
Gain Control	Auto;Manual				
Noise Reduction	3D NR				
Motion Detection	OFF/ON (4 areas, rectangular)				
Region of Interest (RoI)	Yes (4 areas)				
Smart Illumination	Yes				
Image Rotation	0°/90°/180°/270° (Support 90°/270° with 2688 × 1560 resolution and lower)				
Mirror	Yes				
Privacy Masking	4 areas				
Audio					
Built-in MIC	Yes				
Audio Compression	G.711a; G.711Mu; PCM; G.726				
Alarm					
Alarm Event	No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; SMD; voltage detection; security exception				
Network					
Network Port	RJ-45 (10/100 Base-T)				
SDK and API	Yes				
Network Protocol	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; NTP; Multicast; ICMP; IGMP				
Interoperability	ONVIF (Profile S/Profile T); CGI; P2P; Milestone				
User/Host	6 (Total bandwidth: 36 M)				
Storage	FTP; SFTP; Micro SD card (support max. 256 GB)				
Browser	IE; Chrome; Firefox				

Management Software	DSS; DMSS
Mobile Client	iOS; Android
Cyber Security	Configuration encryption; Trusted execution; Digest; Security logs; WSSE; Account lockout; syslog; Video encryption; 802.1x; IP/MAC filtering; HTTPS; Trusted upgrade; Trusted boot; Generation and importing of X.509 certification
Certification	
Certifications	CE-LVD: EN 62368-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B
Power	
Power Supply	12 VDC/PoE (802.3af)
Power Consumption	Basic: 2.1 W (12 VDC); 2.5 W (PoE) Max. (H.265 + intelligence + WDR + warm light): 4.4 W (12 VDC); 5.2 W (PoE)
Environment	
Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Operating Humidity	≤95%
Storage Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Protection	IP67
Structure	
Casing Material	Metal
Product Dimensions	166.2 mm × 70 mm × 70 mm (6.54" × 2.76" × 2.76") (L × W × H)
Net Weight	0.48 kg (1.06 lb)
Gross Weight	0.59 kg (1.30 lb)