

# IPC-HFW2449S-S-LED-0280B

Dahua IPC-HFW2449S-S-LED-0280B 4 MP IP Full color (rəngli) WizSense kamera; Piksel 2688×1520; IR işıqlandırma - 30 m; F2.8 mm; Bucaq-101°;

Model	IPC-HFW2449S-S-LED-0280B
Brend	Dahua
Növ	IP
Meqapixel	4 MP
İşıqlandırma	LED
İşıqlandırma məsafəsi	30 m
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	0.005 lux@F1.0				
S/N Ratio	>56 dB				
Illumination Distance	Up to 30 m (98.43 ft) (Warm light)				
Illuminator On/Off Control	Auto; Manual				
Illuminator Number	2 (Warm light)				
Lens					
Lens Type	Fixed-focal				
Lens Mount	M12				
Focal Length	2.8 mm;3.6 mm				
Max. Aperture	F1.0				
Field of View	2.8 mm: H: 101°; V: 53°; D: 120° 3.6 mm: H: 82°; V: 43°; D: 94°				
Iris Control	Fixed				
Close Focus Distance	2.8 mm: 1.5 m (4.92ft) 3.6 mm: 2.2 m (7.22 ft)				
DORI Distance	Lens	Detect	Observe	Recognize	Identify

2.8 mm	66.0 m (216.54 ft)	26.4 m (86.61 ft)	13.2 m (43.31 ft)	6.6 m (21.65 ft)
3.6 mm	78.0 m (255.91 ft)	31.2 m (102.36 ft)	15.6 m (51.18 ft)	7.8 m (25.59 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.265; H.264; H.264H; 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)/2560 × 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	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 (Rol)	Yes (4 areas)			
Smart Illumination	Yes			
Image Rotation	0°/90°/180°/270° (Support 90°/270° with 2688 × 1520 resolution and lower)			
Mirror	Yes			
Privacy Masking	4 areas			
Audio				
Built-in MIC	Yes			
Audio Compression	G.711a; G.711Mu; G.726; PCM			
Alarm				
Alarm Event	No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; audio detection; voltage detection; SMD; 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; P2P			
Interoperability	ONVIF (Profile S; Profile G; Profile T); CGI			
User/Host	20 (Total bandwidth: 48 M)			
Storage	FTP; SFTP; Micro SD card (support max. 256 GB)			
Browser	IE; Chrome; Firefox			
Management Software	Smart PSS Lite;DSS;DMSS			
Mobile Client	iOS; Android			

Cyber Security	Configuration encryption;trusted execution;Digest;security logs;WSS;account lockout;syslog;video encryption;802.1x;IP/MAC filtering;HTTPS;trusted upgrade;trusted boot;firmware encryption;generation and importing of X.509 certification
Certification	
Certifications	CE-LVD: EN62368-1; CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU
Power	
Power Supply	12 VDC/PoE (802.3af)
Power Consumption	Basic: 2.7 W (12 VDC); 3.6 W (PoE) Max. (H.265+ intelligence on + WDR + illuminator intensity): 6.8 W (12 VDC); 8.3 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)
Storage Humidity	≤95%
Protection	IP67
Structure	
Casing Material	Metal
Product Dimensions	70.0 mm × 70.0 mm × 166.2 mm (2.76" × 2.76" × 6.54") (L × W × H)
Net Weight	0.47 kg (1.04 lb)
Gross Weight	0.59 kg (1.30 lb)