

# IPC-HFW2531SP-S-0280B

Dahua IPC-HFW2531SP-S-0280B 5 MP IP kamera; Piksel 2592×1944; IR işıqlandırma - 30 m; F2.8 mm; Bucaq-103°;

Model	IPC-HFW2531SP-S-0280B
Brend	Dahua
Qoruma	IP67
Növ	IP
Meqapixel	5 MP
İşıqlandırma məsafəsi	30 m
Obyektiv	Sabit
Fokus	2.8mm
İşıqlandırma	İR
Material	Metal
İş mühiti	Outdoor



## Specification

Camera	
Image Sensor	1/2.7" 5Megapixel progressive CMOS
Max. Resolution	2592 (H) × 1944 (V)
ROM	128 MB
RAM	256 MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s-1/100000 s
Min. Illumination	0.008 Lux@F1.6
S/N Ratio	> 56 dB
Illumination Distance	30 m (98.43 ft)
Illuminator On/Off Control	Auto/Manual
Illuminator Number	1 (IR LED)
Pan/Tilt/Rotation Range	Pan: 0°-360° Tilt: 0°-90° Rotation: 0°-360°
Lens	
Lens Type	Fixed
Mount Type	M12
Focal Length	2.8 mm 3.6 mm
Max. Aperture	F1.6 F1.6

Field of View	<p>2.8 mm: Horizontal 103.0° × Vertical 71.0° × Diagonal 132.0°</p> <p>3.6 mm: Horizontal: 84.0° × Vertical 58.0° × Diagonal 110.0°</p>				
Iris Type	Fixed aperture				
Close Focus Distance	<p>2.8 mm: 0.9 m (2.95 ft)</p> <p>3.6 mm: 1.6 m (3.61 ft)</p>				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8 mm	56 m (183.73 ft)	22.4 m (73.49 ft)	11.2 m (36.75 ft)	5.6 m (18.37 ft)
	3.6 mm	80 m (262.47 ft)	32.0 m (104.99 ft)	16.0 m (52.49 ft)	8.0 m (26.25 ft)
Smart event					
IVS	Tripwire; intrusion				
Video					
Video Compression	H.265; H.264; H.264B; MJPEG (only supported by the sub stream)				
Smart Codec	Smart H.265+; Smart H.264+				
Video Frame Rate	<p>Main stream: 2592 × 1944 (1 fps-20 fps) 2688 × 1520 (1 fps-25/30 fps)</p> <p>Sub stream: 704 × 576 (1 fps-25 fps) 704 × 480 (1 fps-30 fps)</p>				
Stream Capability	2 streams				
Resolution	2592×1944(2592×1944); 2688×1520(2688×1520); 3M(2048×1536); 2304×1296(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	<p>H.264: 32 Kbps–8192 Kbps</p> <p>H.265: 12 Kbps–8192 Kbps</p>				
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° (Supports 90°/270° with 2592 × 1944 resolution and lower.)				
Mirror	Yes				
Privacy Masking	4 areas				
Alarm					
Alarm Event	No SD card; SD card full; SD card error; network disconnection; IP conflict; motion detection; video tampering; tripwire; intrusion; illegal access; voltage detection; safety exception				
Network					
Network	RJ-45 (10/100 Base-T)				
SDK and API	Yes				
Cyber Security	Video encryption; firmware encryption; configuration encryption; Digest; WSSE; account lockout; security logs; IP/MAC filtering; generation and importing of X.509 certification; syslog; HTTPS; 802.1x; trusted boot; trusted execution; trusted upgrade				

Protocol	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP ; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; Bonjour
Interoperability	ONVIF(Profile S/Profile G/Profile T);CGI; P2P; Milestone; Genetec
User/Host	20
Storage	FTP; Micro SD card (support max. 256 G); NAS; SFTP
Browser	IE Chrome Firefox
Management Software	Smart PSS; DSS; DMSS
Mobile Phone	IOS; Android
Certification	
Certifications	CE-LVD: EN62368-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B UL/CUL: UL60950-1 CAN/CSA C22.2 No.60950-1-07
Power	
Power Supply	12V DC/PoE (802.3af)
Power Consumption	< 5.6W
Environment	
Operating Conditions	-40°C to +60°C (-40°F to +140°F)/less than ≤ 95% RH
Storage Temperature	-40°C to +60°C (-40°F to +140°F)
Protection	IP67
Structure	
Casing	Metal
Dimensions	166.2 mm × 70 mm (6.54" × 2.76")
Net Weight	0.48 kg (1.1 lb)
Gross Weight	0.57 kg (1.3 lb)