

# 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°;



## Specifications

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

KEY FEATURES

Camera

Image 1/2.7" 5Megapixel progressive CMOS

Sensor

Max. 2592 (H) × 1944 (V)

Resolution

ROM 128 MB

RAM 256 MB

Scanning Progressive

System

Electronic Auto/Manual 1/3 s–1/100000 s

Shutter

Speed

Min. 0.008 Lux@F1.6

Illumination

S/N Ratio > 56 dB

Illumination 30 m (98.43 ft)

Distance

Illuminator Auto/Manual

On/Off

Control

Illuminator 1 (IR LED)

Number

Pan/Tilt/Rotation Pan: 0°–360°

Range Tilt: 0°–90°

Rotation: 0°–360°

Lens

Lens Type Fixed

Mount Type M12

Focal Length 2.8 mm

3.6 mm

Max. F1.6

Aperture F1.6

Field of View

2.8 mm:

Horizontal 103.0° × Vertical 71.0° × Diagonal 132.0°

3.6 mm:

Horizontal: 84.0° × Vertical 58.0° × Diagonal 110.0°

Iris Type Fixed aperture

Close Focus 2.8 mm: 0.9 m (2.95 ft)

Distance 3.6 mm: 1.6 m (3.61 ft)

DORI Lens Detect Observe Recognize Identify

Distance

2.8 56 m 22.4 m 11.2 m 5.6 m  
mm (183.73 ft) (73.49 ft) (36.75 ft) (18.37 ft)

3.6 80 m 32.0 m (104.99 ft) 16.0 m 8.0 m  
mm (262.47 ft) (52.49 ft) (26.25 ft)

Smart event

IVS Tripwire; intrusion

Video

Video H.265; H.264; H.264B; MJPEG (only supported  
Compression by the sub stream)

Smart Codec Smart H.265+/ Smart H.264+

Video Frame Main stream:

Rate 2592 × 1944 (1 fps-20 fps)  
2688 × 1520 (1 fps-25/30 fps)

Sub stream:

704 × 576 (1 fps-25 fps)  
704 × 480 (1 fps-30 fps)

Stream 2 streams

Capability

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 CBR/VBR

Control

Video Bit H.264: 32 Kbps–8192 Kbps  
Rate H.265: 12 Kbps–8192 Kbps

Day/Night Auto(ICR)/Color/B/W

BLC Yes

HLC Yes

WDR 120 dB

White Auto/natural/street lamp/outdoor/manual/regional custom  
Balance

Gain Control Auto/Manual

Noise 3D NR  
Reduction

Motion OFF/ON (4 areas, rectangular)  
Detection

Region of Interest Yes (4 areas)  
(RoI)

Smart Yes

Illumination

Image 0°/90°/180°/270° (Supports 90°/270° with 2592 × 1944 resolution and lower.)

Rotation

Mirror Yes

Privacy 4 areas

Masking

Alarm

Alarm Event No SD card; SD card full; SD card error; network disconnection; IP conflict; motion detection; video tampering; tripwire; intrusion;