

# HAC-HFW1509CP-A-LED-0280B

Dahua HAC-HFW1509CP-A-LED-0280B 5 MP HD-CVI Full Color (rəngli) səsli kamera; Piksel 2880x1620; IR işıqlandırma - 20 m; F2,8 mm; Bucaq-112°; Audio (mikrofon)

Model	HAC-HFW1509CP-A-LED-0280B
Brend	Dahua
Növ	Analoq
Meqapixel	5 MP
İşıqlandırma	LED
Obyektiv	Sabit
Fokus	2.8
İşıqlandırma məsafəsi	20 m
Mikrofon	Mic
Qoruma	IP67
Material	Metal



## Specification

Camera						
Image Sensor	5MP CMOS					
Max. Resolution	2880 (H) × 1620 (V)					
Pixel	5MP					
Scanning System	Progressive					
Electronic Shutter Speed	PAL:1/3 s~1/100,000 s NTSC:1/4 s~1/100,000 s					
S/N Ratio	> 65 dB					
Min. Illumination	0.001 Lux/F1.0, 0 Lux warm light on					
Illumination Distance	20 m (65.61 ft)					
Illuminator On/Off Control	Auto; manual					
Illuminator Number	1					
Pan/Tilt/Rotation Range	Pan: 0°~360° Tilt: 0°~90° Rotation: 0°~360°					
Lens						
Lens Type	Fixed lens					
Mount Type	M12					
Focal Length	2.8 mm; 3.6 mm					
Max. Aperture	F1.0					
Field of View	2.8 mm: H: 112°; V: 57°; D: 132° 3.6 mm: H: 88°; V: 46°; D: 104°					
Iris Type	Fixed iris					
Close Focus Distance	2.8 mm: 1.6 m (5.25 ft); 3.6 mm: 2.3 m (7.5 ft)					
DORI Distance	<table border="1"> <tr> <td>Lens</td> <td>Detect</td> <td>Observe</td> <td>Recognize</td> <td>Identify</td> </tr> </table>	Lens	Detect	Observe	Recognize	Identify
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2.8 mm	67.4 m (212.3 ft)	27.0 m (88.6 ft)	13.5 m (44.3 ft)	6.7 m (22.0 ft)
3.6 mm	80.0 m (262.5 ft)	32.0 m (105.0 ft)	16.0 m (52.5 ft)	8.0 m (26.2 ft)

Video	
Frame Rate	<b>CVI:</b> PAL: 5M@25 fps; 4M@25 fps; 1080p@25 fps NTSC: 5M@25 fps; 4M@30 fps; 1080p@30 fps <b>AHD:</b> PAL: 4M@25 fps; NTSC: 4M@30 fps <b>TVI:</b> PAL: 4M@25 fps; NTSC: 4M@30 fps <b>CVBS:</b> PAL: 960H; NTSC: 960H
Resolution	5M (2880 × 1620); 4M (2560 × 1440); 1080p (1920 × 1080); 960H (960 × 576/960 × 480)
BLC	BLC/HLC/WDR/HLC-Pro
WDR	120 dB
White Balance	Auto; manual
Gain Control	Auto; manual
Noise Reduction	3D NR
Smart Light	Yes
Mirror	Off/On
Privacy Masking	Off/On (8 areas, rectangle)
Certifications	
Certifications	CE (EN55032, EN55024, EN50130-4, EN60950-1) FCC (CFR 47 FCC Part 15 subpartB, ANSI C63.4-2014) UL (UL60950-1+CAN/CSA C22.2 No.60950-1)
Port	
Video Output	Video output choices of CVI/TVI/AHD/CVBS by one BNC port
Audio Input	One channel built-in mic (-A)
Power	
Power Supply	12 V ±30% DC
Power Consumption	Max 4.4 W (12 V DC, warm light on)
Environment	
Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F); < 95% (non-condensation)
Storage Temperature	-40 °C to +60 °C (-40 °F to +140 °F); < 95% (non-condensation)
Protection Grade	IP67
Structure	
Casing	Metal front cover + plastic main body + plastic bracket
Camera Dimensions	161.3 mm × 69.7 mm × 70.0 mm (6.35" × 2.75" × 2.75")
Net Weight	0.23 kg (0.51 lb)
Gross Weight	0.33 kg (0.73 lb)