

# HAC-HFW1209CLP-LED-0280B

Dahua HAC-HFW1209CLP-LED-0280B 2 MP HD-CVI Full Color (rəngli) kamera; Piksel 1920x1080; IR işıqlandırma - 20 m; F2,8 mm; Bucaq-108°.

Model	HAC-HFW1209CLP-LED-0280B
Brend	Dahua
Növ	Analoq
Meqapixel	2 MP
İşıqlandırma	LED
Obyektiv	Sabit
Fokus	2.8
İşıqlandırma məsafəsi	20 m
Qoruma	IP66
Material	Plastik



## Specification

Camera	
Image Sensor	2MP CMOS
Effective Pixels	1920 (H) × 1080 (V)
Scanning System	Progressive
Electronic Shutter Speed	PAL: 1/25~1/100000s NTSC: 1/30~1/100000s
Minimum Illumination	0.005 lux@F1.6 (Color) 0 lux (Illuminator on)
S/N Ratio	More than 65dB
IR Distance	20 m (65.62 ft)
IR On/Off Control	Auto / Manual
IR LEDs	1
Lens	
Lens Type	Fixed-focal
Mount Type	M12
Focal Length	3.6mm (2.8mm Optional)
Max Aperture	F1.6
Angle of View	2.8 mm: H: 108°; V: 58°; D: 127° 3.6 mm: H: 84°; V: 43°; D: 102°
Focus Control	N/A

Close Focus Distance	2.8 mm: 0.7 m (2.3 ft)	
	3.6 mm: 1.3 m (4.27 ft)	
DORI Distance		
Note: The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.		
	2.8mm	3.6mm
Detect	42.2 m (138.45 ft)	59.0 m (193.57 ft)
Observe	16.9 m (55.45 ft)	23.6 m (77.43 ft)
Recognize	8.4 m (27.56 ft)	11.8 m (38.71 ft)
Identify	4.2 m (13.78 ft)	5.9 m (19.36 ft)

Pan / Tilt / Rotation	
Pan/Tilt/Rotation	Pan: 0° ~ 360° Tilt: 0° ~ 90° Rotation: 0° ~ 360°
Video	
Resolution	1080p (1920 × 1080); 960H (960 × 576/960 × 480)
Frame Rate	CVI: PAL: 1080p@25 fps; NTSC: 1080p@30 fps; AHD: PAL: 1080p@25 fps; NTSC: 1080p@30 fps; TVI: PAL: 1080p@25 fps; NTSC: 1080p@30 fps; CVBS: PAL: PAL: 960H; NTSC: 960H;
Video Output	1-channel BNC high definition video output / CVBS video output (Can switch)
Day/Night	Color
BLC Mode	BLC / HLC / DWDR;
WDR	DWDR
Gain Control	Auto
Noise Reduction	3D NR
White Balance	Auto / Manual

Certifications	
Certifications	CE-LVD: EN 62368-1; CE-EMC: EN 55032; EN 55035 FCC: 47 CFR FCC Part 15, Subpart B
Interface	
Eelectrical	
Power Supply	12V DC $\pm$ 30%
Power Consumption	Max 3.3 W (12 V DC, LED on)
Environmental	
Operating Conditions	-40 °C to +60 °C (-40 °F to +140 °F) <95% (RH), non-condensing
Storage Conditions	-40 °C to +60 °C (-40 °F to +140 °F)
Ingress Protection & Vandal Resistance	IP67
Construction	
Casing	Plastic
Dimensions	163.4 mm $\times$ 69.7 mm $\times$ 70.0 mm (6.43" $\times$ 2.75" $\times$ 2.75")
Net Weight	0.17 kg (0.37 lb)
Gross Weight	0.27kg (0.60 lb)