

# HAC-HFW1509TMP-IL-A-0360B

Dahua HAC-HFW1509TMP-IL-A-0360B 5 MP HD-CVI Full Color (rəngli) kamera; Piksel 2880x1620; IR işıqlandırma - 40 m; F3.6 mm; Bucaq-89°;Audio (mikrofon);



## Specifications

Model	HAC-HFW1509TMP-IL-A-0360B
Brand	Dahua
?? mühiti	Outdoor
Növ	Analoq
Meqapixel	5 MP
???qland?rma	LED
Obyektiv	Sabit
Fokus	3.6mm
???qland?rma m?saf?si	40 m
Mikrofon	Mic
Qoruma	IP67
Material	Metal

KEY FEATURES

Camera

**Pixel** 5MP  
**Image Sensor** 5MP CMOS  
**Max. Resolution** 2880 (H) × 1620 (V)  
**Scanning System** Progressive  
**Electronic Shutter** PAL: 1/3 s–1/100000 s  
**Speed** NTSC: 1/4 s–1/100000 s  
**Min. Illumination** 0.001 lux@F1.0 (Color, 30 IRE)  
 0.0001 lux@F1.0 (B/W, 30 IRE)  
 0 lux (Illuminator on)  
**S/N Ratio** >65dB  
**Illumination** IR: 40 m (131.23 ft)  
**Distance** Warm light: 40 m (131.23 ft)  
**Illuminator On/Off** Auto; manual  
**Control**

**Illuminator Number 2 (IR light)**

2 (Warm light)

**Pan/Tilt/Rotation** Pan: 0°–360°  
**Range** Tilt: 0°–90°  
 Rotation: 0°–360°

Lens

**Lens Type** Fixed-focal  
**Mount Type** M12  
**Focal Length** 2.8 mm; 3.6 mm  
**Max. Aperture** F1.0  
**Field of View** 2.8 mm: H: 111°; V: 57°; D: 131°  
 3.6 mm: H: 89°; V: 47°; D: 104°  
**Iris Control** Fixed  
**Close Focus** 2.8 mm: 1.5 m (4.92 ft)  
**Distance** 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)

Video

<b>Video Frame Rate</b>	<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
<b>Resolution</b>	5M (2880 × 1620); 4M (2560 × 1440); 1080p (1920 × 1080); 960H (960 × 576/960 × 480)
<b>Day/Night</b>	Auto (ICR)/Color/B/W
<b>BLC</b>	BLC; HLC; WDR; HLC-Pro
<b>WDR</b>	120dB
<b>White Balance</b>	Auto; Area white balance
<b>Gain Control</b>	Auto; manual
<b>Noise Reduction</b>	3D NR
<b>Defog</b>	Electronic defog
<b>Digital Zoom</b>	4×
<b>Mirror</b>	Yes
<b>Privacy Masking</b>	Off/On (8 areas, rectangle)
<b>Illumination Mode</b>	Smart IR&WL; WL Mode; IR Mode
<b>Certifications</b>	
<b>Certifications</b>	CE (EN55032:2015, EN61000-3-2:2014, EN61000-3-3:2013, EN55024:2010+A1:2015, EN55035:2017, EN50130-4:2011+A1:2014, EN62368-1:2014+A11:2017) FCC (CFR 47 FCC Part 15 subpartB, ANSI C63.4-2014) UL (UL62368-1+CAN/CSA C22.2 No.62368-1-14)
<b>Port</b>	
<b>Video Output</b>	Video output choices of CVI/TVI/AHD/CVBS by one BNC port
<b>Audio Input</b>	One channel built-in MIC
<b>Power</b>	
<b>Power Supply</b>	12V ± 30% DC
<b>Power Consumption</b>	Max 5.7 W (12 VDC, LED on)
<b>Environment</b>	
<b>Operating Temperature</b>	-40 °C to +60 °C (-40 °F to 140 °F)
<b>Operating Humidity</b>	<95% (RH), non-condensing
<b>Storage Temperature</b>	-40 °C to +60 °C (-40 °F to 140 °F)
<b>Protection Structure</b>	IP67
<b>Casing Material</b>	Metal
<b>Product Dimensions</b>	240.7 mm × 90.7 mm × 90.7 mm (9.48" × 3.57" × 3.57")
<b>Packaging Dimensions</b>	299 mm × 119mm × 111 mm (11.7" × 4.69" × 4.37")