

# HAC-HFW1509TP-LED-0280B

Dahua HAC-HFW1509TP-LED-0280B 5 MP HD-CVI Full Color (rəngli) kamera; Piksel 2880x1620; IR işıqlandırma - 20 m; F2,8 mm; Bucaq-112°.



## Specifications

|                       |                         |
|-----------------------|-------------------------|
| Model                 | HAC-HFW1509TP-LED-0280B |
| Brand                 | Dahua                   |
| Qoruma                | IP67                    |
| Növ                   | Analoq                  |
| Meqapixel             | 5 MP                    |
| İşıqlandırma          | LED                     |
| Obyektiv              | Sabit                   |
| Fokus                 | 2.8mm                   |
| İşıqlandırma məsafəsi | 20 m                    |
| Material              | Metal                   |
| İstifadə mühiti       | Outdoor                 |

KEY FEATURES

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<br>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°<br>Tilt: 0°–90°<br>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°<br>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);<br>3.6 mm: 2.3 m (7.5 ft)                  |

| DORI Distance | Lens   | Detect               | Observe              | Recognize           | Identify           |
|---------------|--------|----------------------|----------------------|---------------------|--------------------|
|               | 2.8 mm | 67.4 m<br>(212.3 ft) | 27.0 m<br>(88.6 ft)  | 13.5 m<br>(44.3 ft) | 6.7 m<br>(22.0 ft) |
|               | 3.6 mm | 80.0 m<br>(262.5 ft) | 32.0 m<br>(105.0 ft) | 16.0 m<br>(52.5 ft) | 8.0 m<br>(26.2 ft) |

Video

|                              |                                                                                                                                                                                                                                                                                                                  |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Frame Rate</b>            | <b>CVI:</b><br><b>PAL: 5M@25 fps; 4M@25 fps; 1080p@25 fps</b><br><b>NTSC: 5M@25 fps; 4M@30 fps; 1080p@30 fps</b><br><b>AHD:</b><br><b>PAL: 4M@25 fps;</b><br><b>NTSC: 4M@30 fps</b><br><b>TVI:</b><br><b>PAL: 4M@25 fps;</b><br><b>NTSC: 4M@30 fps</b><br><b>CVBS:</b><br><b>PAL: 960H;</b><br><b>NTSC: 960H</b> |
| <b>Resolution</b>            | <b>5M (2880 × 1620); 4M (2560 × 1440); 1080p (1920 × 1080); 960H (960 × 576/960 × 480)</b>                                                                                                                                                                                                                       |
| <b>BLC</b>                   | <b>BLC/HLC/WDR/HLC-Pro</b>                                                                                                                                                                                                                                                                                       |
| <b>WDR</b>                   | <b>120 dB</b>                                                                                                                                                                                                                                                                                                    |
| <b>White Balance</b>         | <b>Auto; Area WB</b>                                                                                                                                                                                                                                                                                             |
| <b>Gain Control</b>          | <b>Auto; manual</b>                                                                                                                                                                                                                                                                                              |
| <b>Noise Reduction</b>       | <b>3D NR</b>                                                                                                                                                                                                                                                                                                     |
| <b>Smart Light</b>           | <b>Yes</b>                                                                                                                                                                                                                                                                                                       |
| <b>Mirror</b>                | <b>Off/On</b>                                                                                                                                                                                                                                                                                                    |
| <b>Privacy Masking</b>       | <b>Off/On (8 areas, rectangle)</b>                                                                                                                                                                                                                                                                               |
| <b>Certifications</b>        |                                                                                                                                                                                                                                                                                                                  |
| <b>Certifications</b>        | <b>CE (EN55032, EN55024, EN50130-4, EN60950-1)</b><br><b>FCC (CFR 47 FCC Part 15 subpartB, ANSI C63.4-2014)</b><br><b>UL (UL60950-1+CAN/CSA C22.2 No.60950-1)</b>                                                                                                                                                |
| <b>Port</b>                  |                                                                                                                                                                                                                                                                                                                  |
| <b>Video Output</b>          | <b>Video output choices of CVI/TVI/AHD/CVBS by one BNC port</b>                                                                                                                                                                                                                                                  |
| <b>Audio Input</b>           | <b>One channel built-in mic (-A)</b>                                                                                                                                                                                                                                                                             |
| <b>Power</b>                 |                                                                                                                                                                                                                                                                                                                  |
| <b>Power Supply</b>          | <b>12 V ±30% DC</b>                                                                                                                                                                                                                                                                                              |
| <b>Power Consumption</b>     | <b>Max 4.4 W (12 V DC, warm light on)</b>                                                                                                                                                                                                                                                                        |
| <b>Environment</b>           |                                                                                                                                                                                                                                                                                                                  |
| <b>Operating Temperature</b> | <b>-40 °C to +60 °C (-40 °F to +140 °F); &lt; 95% (non-condensation)</b>                                                                                                                                                                                                                                         |
| <b>Storage Temperature</b>   | <b>-40 °C to +60 °C (-40 °F to +140 °F); &lt; 95% (non-condensation)</b>                                                                                                                                                                                                                                         |
| <b>Protection Grade</b>      | <b>IP67</b>                                                                                                                                                                                                                                                                                                      |
| <b>Structure</b>             |                                                                                                                                                                                                                                                                                                                  |
| <b>Casing</b>                | <b>Metal throughout the whole casing</b>                                                                                                                                                                                                                                                                         |
| <b>Camera Dimensions</b>     | <b>174.5 mm × 72.3 mm × 70.6 mm ( 6.87" × 2.85" × 2.78" )</b>                                                                                                                                                                                                                                                    |
| <b>Net Weight</b>            | <b>0.36 kg (0.79 lb)</b>                                                                                                                                                                                                                                                                                         |
| <b>Gross Weight</b>          | <b>0.49 kg (1.08 lb)</b>                                                                                                                                                                                                                                                                                         |