

# HAC-HDW1509TP-IL-A-0280B

Dahua HAC-HDW1509TP-IL-A-0280B 2 MP HD-CVI Full Color (rəngli) səsli kamera; Piksel 2880×1620; IR işıqlandırma - 40 m; F3.6 mm; Bucaq-111°;

|                       |                          |
|-----------------------|--------------------------|
| Model                 | HAC-HDW1509TP-IL-A-0280B |
| Brend                 | Dahua                    |
| İş mühiti             | Indoor                   |
| Növ                   | Analoq                   |
| Meqapixel             | 5 MP                     |
| İşıqlandırma          | LED                      |
| Obyektiv              | Sabit                    |
| Fokus                 | 2.8mm                    |
| İşıqlandırma məsafəsi | 40 m                     |
| Mikrofon              | Mic                      |
| Qoruma                | IP67                     |
| Material              | Metal                    |



## Specification

|                            |                                                                                           |
|----------------------------|-------------------------------------------------------------------------------------------|
| Camera                     |                                                                                           |
| Pixel                      | 5MP                                                                                       |
| Image Sensor               | 5MP CMOS                                                                                  |
| Max. Resolution            | 2880 (H) × 1620 (V)                                                                       |
| Scanning System            | Progressive                                                                               |
| Electronic Shutter Speed   | PAL: 1/3 s~1/100000 s<br>NTSC: 1/4 s~1/100000 s                                           |
| Min. Illumination          | 0.001 lux@F1.0 (Color, 30 IRE)<br>0.0001 lux@F1.0 (B/W, 30 IRE)<br>0 lux (Illuminator on) |
| S/N Ratio                  | >65dB                                                                                     |
| Illumination Distance      | IR: 40 m (131.23 ft)<br>Warm light: 40 m (131.23 ft)                                      |
| Illuminator On/Off Control | Auto; manual                                                                              |
| Illuminator Number         | 2 (IR light)                                                                              |
|                            | 2 (Warm light)                                                                            |
| Pan/Tilt/Rotation Range    | Pan: 0°~360°                                                                              |
|                            | Tilt: 0°~78°                                                                              |
|                            | 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 Distance  | 2.8 mm: 1.5 m (4.92 ft)<br>3.6 mm: 2.2 m (7.22 ft)                                                                                                                                                                                             |                       |                       |                      |                     |
| DORI distance         | Lens                                                                                                                                                                                                                                           | Detect                | Observe               | Recognize            | Identify            |
|                       | 2.8 mm                                                                                                                                                                                                                                         | 66.0 m<br>(216.54 ft) | 26.4 m<br>(86.61 ft)  | 13.2 m<br>(43.31 ft) | 6.6 m<br>(21.65 ft) |
|                       | 3.6 mm                                                                                                                                                                                                                                         | 78.0 m<br>(255.91 ft) | 31.2 m<br>(102.36 ft) | 15.6 m<br>(51.18 ft) | 7.8 m<br>(25.59 ft) |
| Video                 |                                                                                                                                                                                                                                                |                       |                       |                      |                     |
| Video Frame Rate      | CVI:<br>PAL: 5M@25 fps; 4M@25 fps; 1080p@25 fps<br>NTSC: 5M@25 fps; 4M@30 fps; 1080p@30 fps;<br>AHD:<br>PAL: 4M@25 fps;<br>NTSC: 4M@30 fps;<br>TVI:<br>PAL: 4M@25 fps;<br>NTSC: 4M@30 fps;<br>CVBS:<br>PAL: 960H;<br>NTSC: 960H                |                       |                       |                      |                     |
| Resolution            | 5M (2880 × 1620);<br>4M (2560 × 1440);<br>1080p (1920 × 1080);<br>960H (960 × 576/960 × 480)                                                                                                                                                   |                       |                       |                      |                     |
| Day/Night             | Auto (ICR)/Color/B/W                                                                                                                                                                                                                           |                       |                       |                      |                     |
| BLC                   | BLC; HLC; WDR; HLC-Pro                                                                                                                                                                                                                         |                       |                       |                      |                     |
| WDR                   | 120 dB                                                                                                                                                                                                                                         |                       |                       |                      |                     |
| White Balance         | Auto; Area white balance                                                                                                                                                                                                                       |                       |                       |                      |                     |
| Gain Control          | Auto; manual                                                                                                                                                                                                                                   |                       |                       |                      |                     |
| Noise Reduction       | 3D NR                                                                                                                                                                                                                                          |                       |                       |                      |                     |
| Defog                 | Electronic defog                                                                                                                                                                                                                               |                       |                       |                      |                     |
| Digital Zoom          | 4×                                                                                                                                                                                                                                             |                       |                       |                      |                     |
| Mirror                | Yes                                                                                                                                                                                                                                            |                       |                       |                      |                     |
| Privacy Masking       | Off/On (8 areas, rectangle)                                                                                                                                                                                                                    |                       |                       |                      |                     |
| Illumination Mode     | Smart IR&WL; WL Mode; IR Mode                                                                                                                                                                                                                  |                       |                       |                      |                     |
| Certifications        |                                                                                                                                                                                                                                                |                       |                       |                      |                     |
| Certifications        | 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)<br>FCC (CFR 47 FCC Part 15 subpartB, ANSI C63.4-2014)<br>UL (UL62368-1+CAN/CSA C22.2 No.62368-1-14) |                       |                       |                      |                     |
| Port                  |                                                                                                                                                                                                                                                |                       |                       |                      |                     |
| Video Output          | Video output choices of CVI/TVI/AHD/CVBS by one BNC port                                                                                                                                                                                       |                       |                       |                      |                     |
| Audio Input           | One channel built-in MIC                                                                                                                                                                                                                       |                       |                       |                      |                     |
| Power                 |                                                                                                                                                                                                                                                |                       |                       |                      |                     |
| Power Supply          | 12 VDC ± 30%                                                                                                                                                                                                                                   |                       |                       |                      |                     |
| Power Consumption     | Max 5.7 W (12 VDC, LED on)                                                                                                                                                                                                                     |                       |                       |                      |                     |
| Environment           |                                                                                                                                                                                                                                                |                       |                       |                      |                     |
| Operating Temperature | -40 °C to +60 °C (-40 °F to 140 °F)                                                                                                                                                                                                            |                       |                       |                      |                     |
| Operating Humidity    | <95% (RH), non-condensing                                                                                                                                                                                                                      |                       |                       |                      |                     |
| Storage Temperature   | -40 °C to +60 °C (-40 °F to 140 °F)                                                                                                                                                                                                            |                       |                       |                      |                     |
| Protection            | IP67                                                                                                                                                                                                                                           |                       |                       |                      |                     |
| Structure             |                                                                                                                                                                                                                                                |                       |                       |                      |                     |
| Casing Material       | Metal                                                                                                                                                                                                                                          |                       |                       |                      |                     |
| Product Dimensions    | Φ106.0 mm × 93.6 mm (Φ4.17" × 3.69")                                                                                                                                                                                                           |                       |                       |                      |                     |
| Packaging Dimensions  | 148 mm × 139 mm × 137 mm (5.83" × 5.47" × 5.39")                                                                                                                                                                                               |                       |                       |                      |                     |
| Net Weight            | 0.49 kg (1.08 lb)                                                                                                                                                                                                                              |                       |                       |                      |                     |
| Gross Weight          | 0.66 kg (1.46 lb)                                                                                                                                                                                                                              |                       |                       |                      |                     |
| Installation          | Wall mount; ceiling mount; vertical pole mount                                                                                                                                                                                                 |                       |                       |                      |                     |