

# HAC-HFW2501TUP-Z-A

Dahua HAC-HFW2501TUP-Z-A 5 MP HD-CVI səsli zoom kamera; Piksel 2880x1620; IR işıqlandırma - 80 m; F2.7-13.5 mm; Bucaq-31.4°-113°; Audio (mikrofon)



## Specifications

|                       |                    |
|-----------------------|--------------------|
| Model                 | HAC-HFW2501TUP-Z-A |
| Brand                 | Dahua              |
| ?? mühiti             | Outdoor            |
| Növ                   | Analoq             |
| Meqapixel             | 5 MP               |
| Obyektiv              | Motorized          |
| ???qland?rma m?saf?si | 80 m               |
| Fokus                 | 2.7 - 13.5mm       |
| ???qland?rma          | IR                 |
| Mikrofon              | Mic                |
| Qoruma                | IP67               |
| Material              | Metal              |

KEY FEATURES

Camera

|                                   |   |
|-----------------------------------|---|
| <b>Image Sensor</b>               | 1/2.7" CMOS                                       |
| <b>Max. Resolution</b>            | 2880 (H) × 1620 (V)                               |
| <b>Pixel</b>                      | 5MP   |
| <b>Scanning System</b>            | Progressive                                       |
| <b>Electronic Shutter Speed</b>   | PAL: 1/3 s–1/100,000 s<br>NTSC: 1/4 s–1/100,000 s |
| <b>S/N Ratio</b>                  | > 65 dB   |
| <b>Min. Illumination</b>          | 0.001 Lux/F1.6; 30IRE; 0 Lux IR on                |
| <b>Illumination Distance</b>      | 80 m (262.5 ft)                                   |
| <b>Illuminator On/Off Control</b> | Auto/manual                                       |
| <b>Illuminator Number</b>         | 4 (IR light)                                      |
| <b>Pan/Tilt/Rotation Range</b>    | Pan: 0°–360°<br>Tilt: 0°–90°<br>Rotation: 0°–360° |

Lens

|                      |  |
|----------------------|--|
| <b>Lens Type</b>     | Motorized vari-focal                         |
| <b>Auto Focus</b>    | Yes  |
| <b>Mount Type</b>    | φ14  |
| <b>Focal Length</b>  | 2.7 mm–13.5 mm                               |
| <b>Max. Aperture</b> | F1.6   |
| <b>Field of View</b> | H: 31.4°–113°<br>V: 17.6°–58°<br>D: 36°–138° |

Iris Type

|                             |                |
|-----------------------------|----------------|
| <b>Iris Type</b>            | Fixed          |
| <b>Close Focus Distance</b> | 0.8 m (2.6 ft) |

|                      |             |                       |                      |                      |                     |
|----------------------|-------------|-----------------------|----------------------|----------------------|---------------------|
| <b>DORI distance</b> | <b>Lens</b> | <b>Detect</b>         | <b>Observe</b>       | <b>Recognize</b>     | <b>Identify</b>     |
|                      | 2.7mm       | 64.0 m<br>(210.0 ft)  | 25.6 m<br>(84.0 ft)  | 12.8 m<br>(42.0 ft)  | 6.4 m<br>(21.0 ft)  |
|                      | 13.5mm      | 210.0 m<br>(689.0 ft) | 84.0 m<br>(275.6 ft) | 42.0 m<br>(137.8 ft) | 21.0 m<br>(68.9 ft) |

Video

**Frame Rate**

**CVI:**

**PAL:** 5M@25 fps; 4M@25 fps

**NTSC:** 5M@25 fps; 4M@30 fps

**AHD:**

**PAL:** 4M@25 fps

**NTSC:** 4M@30 fps

**TVI:**

**PAL:** 4M@25 fps

**NTSC:** 4M@30 fps

**CVBS:**

**PAL:** 960H

**NTSC:** 960H

**Resolution**

5M (2880 × 1620); 4M (2560 × 1440); 960H (960 × 576/960 × 480)

**Day/Night**

Auto (ICR)

**BLC**

BLC/HLC/WDR/HLC-Pro

**WDR**

120 dB

**White Balance**

Auto/manual

**Gain Control**

Auto/manual

**Noise Reduction**

3D NR

**Smart Illumination**

Yes

**Digital Zoom**

4x

**Defog**

Electronic defog

**Mirror**

Yes

**Privacy Masking**

Off/On (8 areas, rectangle)

**Certifications**

**Certifications**

CE (EN55032:2015, EN 61000-3-2:2014, EN 61000-3-3:2013, EN55024:2010+A1:2015, EN 55035:2017, EN50130-4:2011+A1:2014, EN 62368-1:2014+A11:2017)

FCC (CFR 47 FCC Part 15 subpartB, ANSI C63.4-2014)

UL (UL60950-1+CAN/CSA C22.2 No.60950-1)

**Port**

**Audio Interface**

One channel built-in mic

**Video Output**

Video output choices of CVI/TVI/AHD/CVBS by one BNC port

**Power**

**Power Supply**

PoC (only CVI)/12V±30% DC

**Power**

Max 8.2W (12V DC, IR on); PoC (AT)

**Consumption**

**Environmental**

**Operating**

-30°C to +60°C (-22°F to +140°F); < 95%

**Temperature**

(non-condensation)

**Storage**

**Temperature**

-30°C to +60°C (-22°F to +140°F); < 95%

(non-condensation)