

Code: HAC-HDW1801T-IL-A-0280B-S2

## AHD, HD-CVI, HD-TVI, PAL CAMERA **HAC-HDW1801T-IL-A-0280B-S2** - 8.3 Mpx 2.8 mm DAHUA

Megapixel camera with Progressive scan CMOS sensor and AHD / HD-CVI / HD-TVI / PAL.

The AHD / HD-CVI / HD-TVI interface allows to transmission of analog video signal via coaxial cable in max. 8 Mpx (4K UHD) resolution. During transmission there are no delays and is maintained the original, high quality image.

In the case of video transmission using a twisted pair cable and matching transformers (balun), be aware of the possibility of signal reflections and interfering signals. The range of IR illumination according to the manufacturer data, depends on outer conditions (visibility - air transparency, environment, wall colors ie. scene reflectance). Camera is according to IP67 Index of Protection norm.

The device is equipped with Smart Dual Illumination technology, thanks to which the user has a choice of white light mode and IR (infrared) mode. When Smart Dual Illumination is active, the white light will turn on automatically only when an object is detected in the monitored area, which effectively improves the image quality.



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| Standard:                          | AHD, HD-CVI, HD-TVI, CVBS                                                                                                                                                                                                                                                   |
| Sensor:                            | Progressive Scan CMOS                                                                                                                                                                                                                                                       |
| Matrix size:                       | 8.3 Mpx                                                                                                                                                                                                                                                                     |
| Resolution:                        | 3840 x 2160 - 8.3 Mpx @ HD-CVI @ 25 fps ,<br>3840 x 2160 - 8.3 Mpx @ HD-CVI / HD-TVI / AHD @ 15 fps ,<br>2592 x 1944 - 5 Mpx @ HD-CVI @ 25 fps ,<br>2560 x 1440 - 3.7 Mpx @ HD-CVI @ 25 fps ,<br>1920 x 1080 - 1080p @ HD-CVI @ 25 fps ,<br>960 x 576 - 960H @ PAL @ 25 fps |
| Lens:                              | 2.8 mm                                                                                                                                                                                                                                                                      |
| View angle:                        | <ul style="list-style-type: none"> <li>• 106 ° (manufacturer data)</li> <li>• 101 ° (our tests result)</li> </ul>                                                                                                                                                           |
| Range of IR illumination:          | 30 m                                                                                                                                                                                                                                                                        |
| White light LED illuminator range: | 30 m                                                                                                                                                                                                                                                                        |
| IR illuminator power adjustment:   | Automatic                                                                                                                                                                                                                                                                   |
| Video output:                      | AHD / HD-CVI / HD-TVI / CVBS, 1 Vpp / 75 Ω                                                                                                                                                                                                                                  |

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| Audio:                 | <ul style="list-style-type: none"> <li>• Microphone built-in,</li> <li>• Audio support via coaxial cable - HD-CVI only</li> </ul>                                                                                                                                                                                                                                                                                                                                                                       |
| OSD menu:              | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Main features:         | <ul style="list-style-type: none"> <li>• WDR - 120 dB - Wide Dynamic Range</li> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>• BLC/HLC - Back Light / High Light Compensation</li> <li>• ICR - Movable InfraRed filter</li> <li>• AGC - Automatic Gain Control</li> <li>• Privacy zones - max. 8</li> <li>• Mirror - Mirror image</li> <li>• Auto White Balance</li> <li>• Sharpness - sharper image outlines</li> </ul> |
| Power supply:          | 12 V DC / 480 mA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Power consumption:     | ≤ 5.7 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Housing:               | Dome, Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Color:                 | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| "Index of Protection": | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Vandal-proof:          | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Operation temp:        | -40 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Weight:                | 0.48 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Dimensions:            | Ø 106 x 99 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Manufacturer / Brand:  | DAHUA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Guarantee:             | <b>3 years</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |