

Code: HAC-HDW1509T-IL-A-0280B-S2

## AHD, HD-CVI, HD-TVI, CVBS CAMERA **HAC-HDW1509T-IL-A-0280B-S2** - 5 Mpx 2.8 mm DAHUA

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

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.

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.

In addition, the camera has the function of active deterrence of intruders using flashing red and blue light and siren sound. Thanks to the "Starlight" technology used, the camera only needs very low lighting to obtain a clear color image.



|                                    |                                                                                                                                                                                                                                                                       |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                          | AHD, HD-CVI, HD-TVI, CVBS                                                                                                                                                                                                                                             |
| Sensor:                            | Progressive Scan CMOS                                                                                                                                                                                                                                                 |
| Matrix size:                       | 5 Mpx                                                                                                                                                                                                                                                                 |
| Resolution:                        | <ul style="list-style-type: none"> <li>• 2880 x 1620 - 5 Mpx @ HD-CVI @ 25 fps - Aspect Ratio 16 : 9,</li> <li>• 2560 x 1440 - 4 Mpx @ AHD / HD-CVI / HD-TVI @ 25 fps,</li> <li>• 1920 x 1080 - 1080p @ HD-CVI @ 25 fps,</li> <li>• 960 x 576 - 960H @ PAL</li> </ul> |
| Lens:                              | 2.8 mm                                                                                                                                                                                                                                                                |
| View angle:                        | <ul style="list-style-type: none"> <li>• 111 ° (manufacturer data)</li> <li>• 106 ° (our tests result)</li> </ul>                                                                                                                                                     |
| Range of IR illumination:          | 40 m                                                                                                                                                                                                                                                                  |
| White light LED illuminator range: | 40 m                                                                                                                                                                                                                                                                  |
| Video output:                      | AHD / HD-CVI / HD-TVI / CVBS, 1 Vpp / 75 Ω                                                                                                                                                                                                                            |
| 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:                          | OSD menu available via DAHUA recorder                                                                                                                                                                                                                                 |

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Main features:         | <ul style="list-style-type: none"> <li>• Possibility to turn off the LED illuminator</li> <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>• D-ZOOM - Digital Zoom : x4</li> <li>• BLC/HLC - Back Light / High Light Compensation</li> <li>• Auto White Balance</li> <li>• AGC - Automatic Gain Control</li> <li>• Mirror - Mirror image</li> <li>• Privacy zones - max. 8</li> <li>• Sharpness - sharper image outlines</li> </ul> |
| "Index of Protection": | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Power supply:          | 12 V DC / 480 mA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Power consumption:     | ≤ 5.7 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Housing:               | Dome, Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Vandal-proof:          | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Color:                 | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Operation temp:        | -40 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Weight:                | 0.5 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Dimensions:            | Ø 106 x 94 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Manufacturer / Brand:  | DAHUA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Guarantee:             | <b>3 years</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |