

Code: HAC-HDW1809T-A-LED-0280B

## AHD, HD-CVI, HD-TVI, CVBS CAMERA **HAC-HDW1809T-A-LED-0280B** Full-Color - 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.

Camera is according to IP67 Index of Protection norm.

**Attention!** The camera of the Full-color series does not have a black and white mode. Thanks to fit the camera in a very sensitive sensor and the LED illuminator emitting visible light in white, the device allows to obtain a clear, colorful image in all lighting conditions. Thanks to the "Starlight" technology used, the camera only needs very low lighting to obtain a clear color image.



|                                    |                                                                                                                                                                                                                                                   |
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| Standard:                          | AHD, HD-CVI, HD-TVI, CVBS                                                                                                                                                                                                                         |
| Sensor:                            | Progressive Scan CMOS                                                                                                                                                                                                                             |
| Matrix size:                       | 8.3 Mpx, 4K UHD                                                                                                                                                                                                                                   |
| Resolution:                        | <ul style="list-style-type: none"> <li>• 3840 x 2160 - 8.3 Mpx @ AHD / HD-CVI / HD-TVI @ 15 fps,</li> <li>• 2880 x 1620 - 5 Mpx @ HD-CVI @ 25 fps,</li> <li>• 2560 x 1440 - 4 Mpx @ 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>• 106 ° (manufacturer data)</li> <li>• 101 ° (our tests result)</li> </ul>                                                                                                                                 |
| 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                                                                                                                                                                                                             |

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| 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>• BLC/HLC - Back Light / High Light Compensation</li> <li>• D-ZOOM - Digital Zoom : x4</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 / 570 mA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Power consumption:     | ≤ 6.9 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Housing:               | Dome, Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Vandal-proof:          | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Color:                 | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Operation temp:        | -40 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Weight:                | 0.49 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Dimensions:            | Ø 106 x 94 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Manufacturer / Brand:  | DAHUA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Guarantee:             | <b>3 years</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |