

Code: HAC-HDW1220M-0280B

AHD, HD-CVI, HD-TVI, PAL CAMERA **HAC-HDW1220M-0280B** - 1080p 2.8 mm  
DAHUA

Megapixel camera with 1/2.9" 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 default setting is HD-CVI standard. To change the camera standard you need use the PFM820 controller, available separately.



|                                  |                                                                   |
|----------------------------------|-------------------------------------------------------------------|
| Standard:                        | AHD, HD-CVI, HD-TVI, PAL                                          |
| Sensor:                          | 1/2.9 " CMOS                                                      |
| Matrix size:                     | 2.0 Mpx                                                           |
| Resolution:                      | 1920 x 1080 - 1080p<br>1280 x 720 - 720p<br>960 x 576 - 960H, PAL |
| Range of IR illumination:        | 30 m                                                              |
| IR illuminator power adjustment: | Automatic                                                         |
| Lens:                            | 2.8 mm, F1.2                                                      |
| View angle:                      | 106 °                                                             |
| S/N ratio:                       | > 65 dB                                                           |
| Video output:                    | HD-CVI / HD-TVI / AHD / PAL, 1 Vpp / 75 Ω                         |

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| Main features:         | <ul style="list-style-type: none"><li>• D-WDR - Wide Dynamic Range</li><li>• 2D-DNR / 3D-DNR - Digital Noise Reduction</li><li>• BLC/HLC - Back Light / High Light Compensation</li><li>• ICR - Movable InfraRed filter</li><li>• Mirror - Mirror image</li><li>• Auto White Balance</li><li>• Sharpness - sharper image outlines</li></ul> |
| OSD menu:              | OSD menu available via recorder                                                                                                                                                                                                                                                                                                             |
| "Index of Protection": | IP67                                                                                                                                                                                                                                                                                                                                        |
| Power supply:          | 12 V DC / 230 mA                                                                                                                                                                                                                                                                                                                            |
| Power consumption:     | ≤ 2.8                                                                                                                                                                                                                                                                                                                                       |
| Housing:               | Dome, Metal                                                                                                                                                                                                                                                                                                                                 |
| Vandal-proof:          | —                                                                                                                                                                                                                                                                                                                                           |
| Color:                 | White                                                                                                                                                                                                                                                                                                                                       |
| Operation temp:        | -40 °C ... 60 °C                                                                                                                                                                                                                                                                                                                            |
| Weight:                | 0.260 kg                                                                                                                                                                                                                                                                                                                                    |
| Dimensions:            | Ø 94 x 80 mm                                                                                                                                                                                                                                                                                                                                |
| Manufacturer / Brand:  | DAHUA                                                                                                                                                                                                                                                                                                                                       |
| Guarantee:             | <b>3 years</b>                                                                                                                                                                                                                                                                                                                              |