

Code: DH-HAC-HFW1220DP-036

## AHD, HD-CVI, HD-TVI, PAL CAMERA **DH-HAC-HFW1220DP-036** 0B - 1080p 3.6 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 1080p resolution. It enables the transmission of HD resolution images for even 500 m distance with keeping the low costs of the installation. 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. Attention! The camera default setting is HD-CVI standard. To change the camera standard you need use the PFM820 controller, available separately.

Camera is according to IP67 Index of Protection norm.



|                                  |                                                                   |
|----------------------------------|-------------------------------------------------------------------|
| Standard:                        | HD-CVI, HD-TVI, AHD, PAL                                          |
| Matrix size:                     | 2.0 Mpx                                                           |
| Sensor:                          | 1/2.9 " Progressive Scan CMOS                                     |
| Resolution:                      | 1920 x 1080 - 1080p<br>1280 x 720 - 720p<br>960 x 576 - 960H, PAL |
| IR illuminator support:          | ICR - Movable InfraRed filter                                     |
| Video output:                    | HD-CVI / HD-TVI / AHD / PAL - 1 Vpp / 75 Ω                        |
| Lens:                            | 3.6 mm                                                            |
| View angle:                      | • 83 ° (manufacturer data)<br>• 81 ° (our tests result)           |
| S/N ratio:                       | > 65 dB                                                           |
| Range of IR illumination:        | 80 m                                                              |
| IR illuminator power adjustment: | Automatic                                                         |

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|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Main features:         | <ul style="list-style-type: none"> <li>• D-WDR - Wide Dynamic Range</li> <li>• 2D-DNR - Digital Noise Reduction</li> <li>• BLC/HLC - Back Light / High Light Compensation</li> <li>• ICR - Movable InfraRed filter</li> <li>• Sharpness - sharper image outlines</li> <li>• AGC - Automatic Gain Control</li> <li>• Privacy zones</li> <li>• Mirror - Mirror image</li> <li>• Auto White Balance</li> </ul> |
| OSD menu:              | ✓, OSD menu available via recorder                                                                                                                                                                                                                                                                                                                                                                          |
| Power supply:          | 12 V DC / 420 mA                                                                                                                                                                                                                                                                                                                                                                                            |
| Power consumption:     | ≤ 4.5 W                                                                                                                                                                                                                                                                                                                                                                                                     |
| Housing:               | Compact, Metal                                                                                                                                                                                                                                                                                                                                                                                              |
| Color:                 | White                                                                                                                                                                                                                                                                                                                                                                                                       |
| "Index of Protection": | IP67                                                                                                                                                                                                                                                                                                                                                                                                        |
| Operation temp:        | -40 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                            |
| Weight:                | 0.642 kg                                                                                                                                                                                                                                                                                                                                                                                                    |
| Dimensions:            | 242 x 90 x 84 mm                                                                                                                                                                                                                                                                                                                                                                                            |
| Manufacturer / Brand:  | DAHUA                                                                                                                                                                                                                                                                                                                                                                                                       |
| Guarantee:             | <b>3 years</b>                                                                                                                                                                                                                                                                                                                                                                                              |