

# AHD, HD-CVI, HD-TVI, PAL CAMERA **DH-HAC-HFW1220DP-036** 0B - 1080p 3.6 mm DAHUA

Net: **61.92 EUR** Gross: **61.92 EUR**

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.



## SPECIFICATION

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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:                      | <ul style="list-style-type: none"> <li>• 83 ° (manufacturer data)</li> <li>• 81 ° (our tests result)</li> </ul>                                                                                                                                                                                                                                                                                             |
| S/N ratio:                       | > 65 dB                                                                                                                                                                                                                                                                                                                                                                                                     |
| Range of IR illumination:        | 80 m                                                                                                                                                                                                                                                                                                                                                                                                        |
| IR illuminator power adjustment: | Automatic                                                                                                                                                                                                                                                                                                                                                                                                   |
| 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>   |

## PRESENTATION

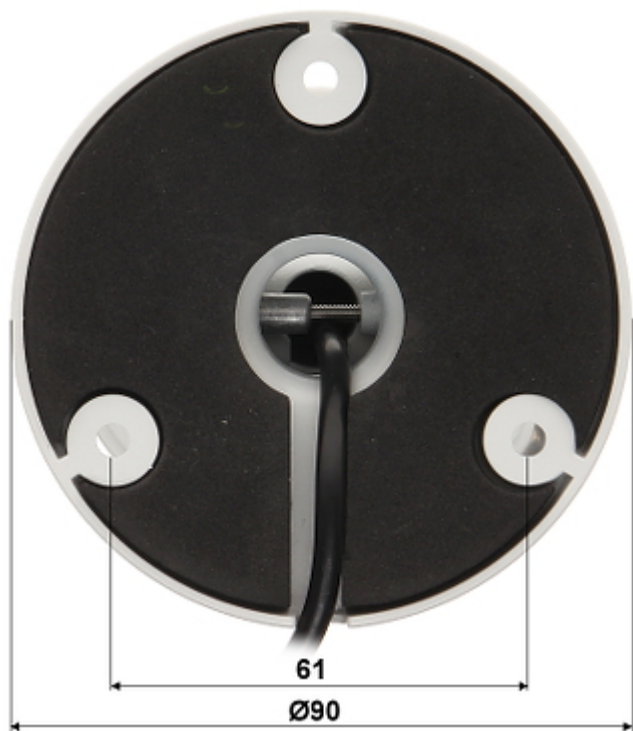
Front view:



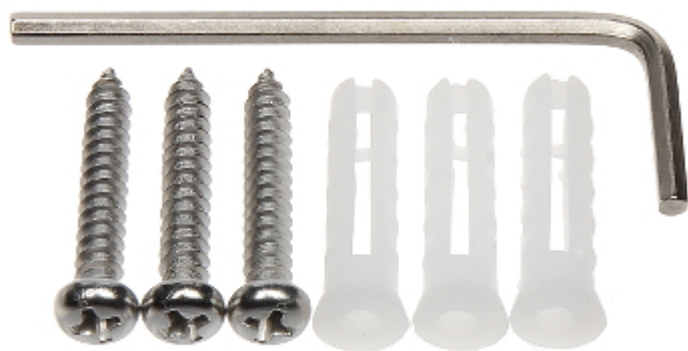
Side view:



Mounting side view:



In the kit:



## OUR TESTS

AHD:

Camera image at artificial illumination (about 30Lux):



Camera image at direct strong light opposite to camera:



Camera image at night conditions with internal built-in IR illuminator on:



HD-CVI:

Camera image at artificial illumination (about 30Lux):



Camera image at night conditions with internal built-in IR illuminator on:



Camera image at direct strong light opposite to camera:



HD-TVI:

Camera image at artificial illumination (about 30Lux):



Camera image at night conditions with internal built-in IR illuminator on:



Camera image at direct strong light opposite to camera:



## PACKAGE

|                                  |                    |
|----------------------------------|--------------------|
| Dimensions (L x W x H): 0x0x0 mm | Gross Weight: 0 kg |
|----------------------------------|--------------------|