

Code: DH-HAC-HFW1000SP-028

# AHD, HD-CVI, HD-TVI, PAL CAMERA **DH-HAC-HFW1000SP-028** 0B - 720p 2.8 mm DAHUA

Net: **36.36 EUR** Gross: **36.36 EUR**

Attention! The camera default setting is HD-CVI standard.  
To change the camera standard you need use the PFM820  
controller, available separately.

Megapixel camera with 1/4" CMOS sensor and AHD / HD-  
CVI / HD-TVI / PAL.

The range of IR illumination according to the manufacturer  
data, depends on outer conditions (visibility - air  
transparency, environment, wall colors ie. scene  
reflectance).

The AHD / HD-CVI / HD-TVI interface allows to  
transmission of analog video signal via coaxial cable in  
720p 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. Camera is according to IP67 Index of Protection  
norm.



## SPECIFICATION

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                        | AHD, HD-CVI, HD-TVI, PAL                                                                                                                                                                                                                                                                                                                                                                          |
| Sensor:                          | 1/4 " CMOS                                                                                                                                                                                                                                                                                                                                                                                        |
| Matrix size:                     | 1.0 Mpx                                                                                                                                                                                                                                                                                                                                                                                           |
| IR illuminator support:          | ICR - Movable InfraRed filter                                                                                                                                                                                                                                                                                                                                                                     |
| Resolution:                      | 1280 x 720 - 720p AHD-M, HD-CVI, HD-TVI<br>960 x 576 - 960H PAL                                                                                                                                                                                                                                                                                                                                   |
| Lens:                            | 2.8 mm                                                                                                                                                                                                                                                                                                                                                                                            |
| View angle:                      | • 83 ° (manufacturer data)<br>• 81 ° (our tests result)                                                                                                                                                                                                                                                                                                                                           |
| Range of IR illumination:        | 30 m                                                                                                                                                                                                                                                                                                                                                                                              |
| IR illuminator power adjustment: | Automatic                                                                                                                                                                                                                                                                                                                                                                                         |
| Video output:                    | AHD / HD-CVI / HD-TVI / PAL, 1 Vpp / 75 Ω                                                                                                                                                                                                                                                                                                                                                         |
| S/N ratio:                       | > 65 dB                                                                                                                                                                                                                                                                                                                                                                                           |
| OSD menu:                        | ✓                                                                                                                                                                                                                                                                                                                                                                                                 |
| 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> |
| Power supply:                    | 12 V DC / 320 mA                                                                                                                                                                                                                                                                                                                                                                                  |

|                        |                  |
|------------------------|------------------|
| Power consumption:     | max. 3.8 W       |
| Housing:               | Compact, Metal   |
| Color:                 | White            |
| "Index of Protection": | IP67             |
| Operation temp:        | -40 °C ... 60 °C |
| Weight:                | 0.36 kg          |
| Dimensions:            | 165 x 70 x 70 mm |
| Manufacturer / Brand:  | DAHUA            |
| Guarantee:             | <b>3 years</b>   |

## PRESENTATION

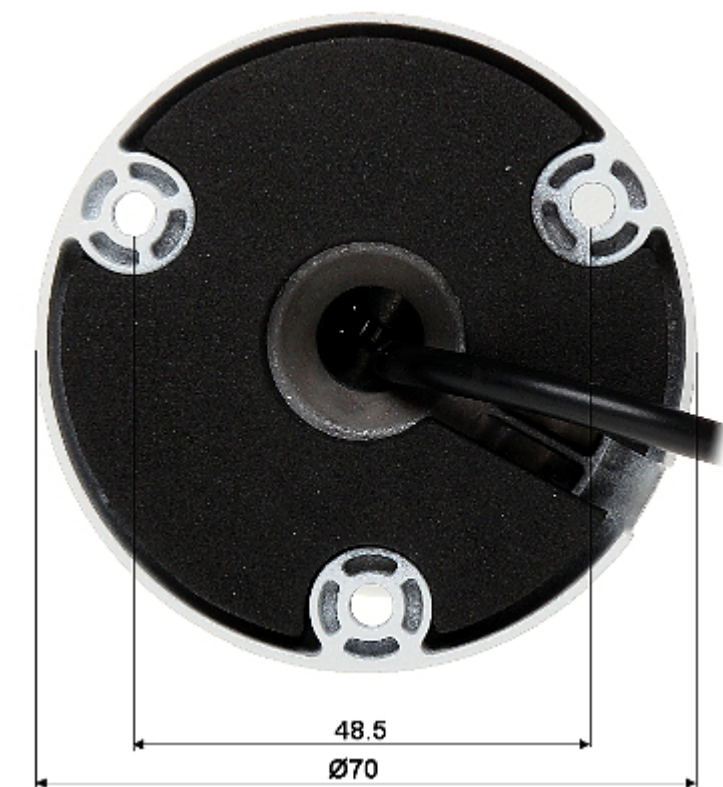
Front view:



Side view:



Mounting side view:



In the kit:



## OUR TESTS

AHD:

Camera image at artificial illumination (about 30Lux):



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



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Camera image at direct strong light opposite to camera:



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 |
|----------------------------------|--------------------|