

Code: DH-HAC-HFW1100RP-036

# AHD, HD-CVI, HD-TVI, PAL CAMERA **DH-HAC-HFW1100RP-036** 0B - 720p 3.6 mm DAHUA

Net: **28.95 EUR** Gross: **28.95 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 1/2.9" 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 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.

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.

The 3-Axis integrated camera bracket has a regulation in all  
three planes, which allows to turn the camera to any  
direction. The range of IR illumination according to the  
manufacturer data, depends on outer conditions (visibility -  
air transparency, environment, wall colors ie. scene  
reflectance). Camera is according to IP67 Index of  
Protection norm.



## SPECIFICATION

|                                  |                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------|
| Standard:                        | HD-CVI, HD-TVI, AHD, PAL                                                                                     |
| Sensor:                          | 1/2.9 " CMOS                                                                                                 |
| Matrix size:                     | 1.0 Mpx                                                                                                      |
| IR illuminator support:          | ICR - Movable InfraRed filter                                                                                |
| Resolution:                      | 1280 x 720 - 720p, HD-CVI, HD-TVI, AHD-M<br>960 x 576 - 960H, PAL                                            |
| Lens:                            | 3.6 mm                                                                                                       |
| View angle:                      | <ul style="list-style-type: none"><li>• 88 ° (manufacturer data)</li><li>• 80 ° (our tests result)</li></ul> |
| Range of IR illumination:        | 20 m                                                                                                         |
| IR illuminator power adjustment: | Automatic                                                                                                    |
| Video output:                    | HD-CVI / HD-TVI / AHD / 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> <li>• To change the standard, in which the camera is operating, the PFM820 controller is required</li> </ul> |
| Power supply:          | 12 V DC / 185 mA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Power consumption:     | ≤ 2.2 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Housing:               | Compact, Plastic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Color:                 | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| "Index of Protection": | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Operation temp:        | -30 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Weight:                | 0.144 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Dimensions:            | Ø 70 x 154 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:



DELTA-OPTI Monika Matysiak; <https://www.delta.poznan.pl>  
POL; 60-713 Poznań; Graniczna 10  
e-mail: [delta-opti@delta.poznan.pl](mailto:delta-opti@delta.poznan.pl); tel: +(48) 61 864 69 60

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:



## OUR OPINIONS



- Small dimensions camera.

## PACKAGE

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