

Code: HAC-HFW1220RMP-0280B

# AHD, HD-CVI, HD-TVI, PAL CAMERA **HAC-HFW1220RMP-0280B** - 1080p 2.8 mm DAHUA

Net: **48.32 EUR** Gross: **48.32 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 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.

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. The 3-Axis integrated camera bracket has a regulation in all three planes, which allows to turn the camera to any direction.



## SPECIFICATION

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                        | AHD, HD-CVI, HD-TVI, PAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Sensor:                          | 1/2.9 " Progressive Scan CMOS                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Matrix size:                     | 2.1 Mpx                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Resolution:                      | 1920 x 1080 - 1080p<br>1280 x 720 - 720p<br>960 x 576 - 960H, PAL                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Lens:                            | 2.8 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| View angle:                      | • 106 ° (manufacturer data)<br>• 103 ° (our tests result)                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Range of IR illumination:        | 20 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><li>• To change the standard, in which the camera is operating, the PFM820 controller is required</li></ul> |

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

|                        |                  |
|------------------------|------------------|
| Power supply:          | 12 V DC / 230 mA |
| Power consumption:     | ≤ 2.8 W          |
| Housing:               | Compact, Metal   |
| Color:                 | White            |
| "Index of Protection": | IP67             |
| Operation temp:        | -40 °C ... 60 °C |
| Weight:                | 0.306 kg         |
| Dimensions:            | 156 x 70 x 70 mm |
| Manufacturer / Brand:  | DAHUA            |
| Guarantee:             | <b>3 years</b>   |

## PRESENTATION

Front view - small sizes camera:



Side view:



Camera mounting side view:



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



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:



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