

Code: HAC-HFW1239TM-A-LED-0360B-S2

# AHD, HD-CVI, HD-TVI, CVBS CAMERA **HAC-HFW1239TM-A-LED-0360B-S2**

## Full-Color - 1080p 3.6 mm DAHUA

Net: **108.15 EUR** Gross: **108.15 EUR**

Megapixel camera with Progressive scan 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.

Camera is according to IP67 Index of Protection norm.

**Attention!** The camera of the Full-color series does not have a black and white mode. Thanks to fit the camera in a very sensitive sensor and the LED illuminator emitting visible light in white, the device allows to obtain a clear, colorful image in all lighting conditions. Thanks to the "Starlight" technology used, the camera only needs very low lighting to obtain a clear color image.



### SPECIFICATION

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                          | AHD, HD-CVI, HD-TVI, CVBS                                                                                                                                                                                                                                                                                                                                                                                                       |
| Sensor:                            | 1/2.8 " Progressive Scan CMOS                                                                                                                                                                                                                                                                                                                                                                                                   |
| Matrix size:                       | 2.1 Mpx                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Resolution:                        | <ul style="list-style-type: none"><li>• 1920 x 1080 - 1080p @ AHD / HD-CVI / HD-TVI @ 25 fps,</li><li>• 960 x 576 - 960H @ PAL</li></ul>                                                                                                                                                                                                                                                                                        |
| Lens:                              | 3.6 mm                                                                                                                                                                                                                                                                                                                                                                                                                          |
| View angle:                        | <ul style="list-style-type: none"><li>• 86 ° (manufacturer data)</li><li>• 83 ° (our tests result)</li></ul>                                                                                                                                                                                                                                                                                                                    |
| White light LED illuminator range: | 40 m                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Video output:                      | AHD / HD-CVI / HD-TVI / CVBS, 1 Vpp / 75 Ω                                                                                                                                                                                                                                                                                                                                                                                      |
| Audio:                             | <ul style="list-style-type: none"><li>• Microphone built-in,</li><li>• Audio support via coaxial cable - HD-CVI only</li></ul>                                                                                                                                                                                                                                                                                                  |
| OSD menu:                          | OSD menu available via DAHUA recorder                                                                                                                                                                                                                                                                                                                                                                                           |
| Main features:                     | <ul style="list-style-type: none"><li>• Possibility to turn off the LED illuminator</li><li>• WDR - 130 dB - Wide Dynamic Range</li><li>• 3D-DNR - Digital Noise Reduction</li><li>• BLC/HLC - Back Light / High Light Compensation</li><li>• Auto White Balance</li><li>• AGC - Automatic Gain Control</li><li>• Mirror - Mirror image</li><li>• Privacy zones - max. 8</li><li>• Sharpness - sharper image outlines</li></ul> |
| "Index of Protection":             | IP67                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Power supply:                      | 12 V DC / 420 mA                                                                                                                                                                                                                                                                                                                                                                                                                |
| Power consumption:                 | ≤ 5.1 W                                                                                                                                                                                                                                                                                                                                                                                                                         |

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|                       |                  |
|-----------------------|------------------|
| Housing:              | Compact, Metal   |
| Vandal-proof:         | —                |
| Color:                | White            |
| Operation temp:       | -40 °C ... 60 °C |
| Weight:               | 0.65 kg          |
| Dimensions:           | 241 x 91 x 90 mm |
| Manufacturer / Brand: | DAHUA            |
| Guarantee:            | <b>3 years</b>   |

## PRESENTATION



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 LED 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 LED 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 LED illuminator on:



Camera image at direct strong light opposite to camera:



## OUR OPINIONS



- Thanks to the "Starlight" technology used, the camera only needs very low lighting to obtain a clear color image.

## PACKAGE

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