

Code: HAC-HFW1801D-0360B

# AHD, HD-CVI, HD-TVI, PAL CAMERA **HAC-HFW1801D-0360B** - 8.3 Mpx 3.6 mm DAHUA

Net: **110.48 EUR** Gross: **110.48 EUR**

Megapixel camera with 1/2.7" CMOS sensor and AHD / HD-CVI / HD-TVI / CVBS.

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.



## SPECIFICATION

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                        | HD-CVI, HD-TVI, AHD, PAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Matrix size:                     | 8.3 Mpx                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Sensor:                          | 1/2.7 " Progressive Scan CMOS                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Resolution:                      | 3840 x 2160 - 8.3 Mpx @ 15 fps ,<br>2592 x 1944 - 5 Mpx @ 20 fps ,<br>2560 x 1440 - 3.7 Mpx @ 25 fps<br>960 x 576 - 960H, CVBS                                                                                                                                                                                                                                                                                                                                                                           |
| Video output:                    | HD-CVI / HD-TVI / AHD / PAL - 1 Vpp / 75 Ω                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Lens:                            | 3.6 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| View angle:                      | • 87 ° (manufacturer data)<br>• 83 ° (our tests result)                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Range of IR illumination:        | 80 m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| IR illuminator power adjustment: | Automatic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Main features:                   | <ul style="list-style-type: none"><li>• WDR - 120 dB - Wide Dynamic Range</li><li>• 2D-DNR, 3D-DNR - Digital Noise Reduction</li><li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li><li>• BLC/HLC - Back Light / High Light Compensation</li><li>• AGC - Automatic Gain Control</li><li>• ICR - Movable InfraRed filter</li><li>• Configurable Privacy Zones</li><li>• Auto White Balance</li><li>• Mirror - Mirror image</li><li>• Sharpness - sharper image outlines</li></ul> |
| OSD menu:                        | OSD menu available via recorder                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Power supply:                    | 12 V DC / 540 mA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Power consumption:               | ≤ 6.5 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

|                        |                          |
|------------------------|--------------------------|
| Housing:               | Compact, Metal + Plastic |
| Color:                 | White                    |
| "Index of Protection": | IP67                     |
| Operation temp:        | -40 °C ... 60 °C         |
| Weight:                | 0.6 kg                   |
| Dimensions:            | 242 x 90 x 90 mm         |
| Manufacturer / Brand:  | DAHUA                    |
| Guarantee:             | <b>3 years</b>           |

## PRESENTATION

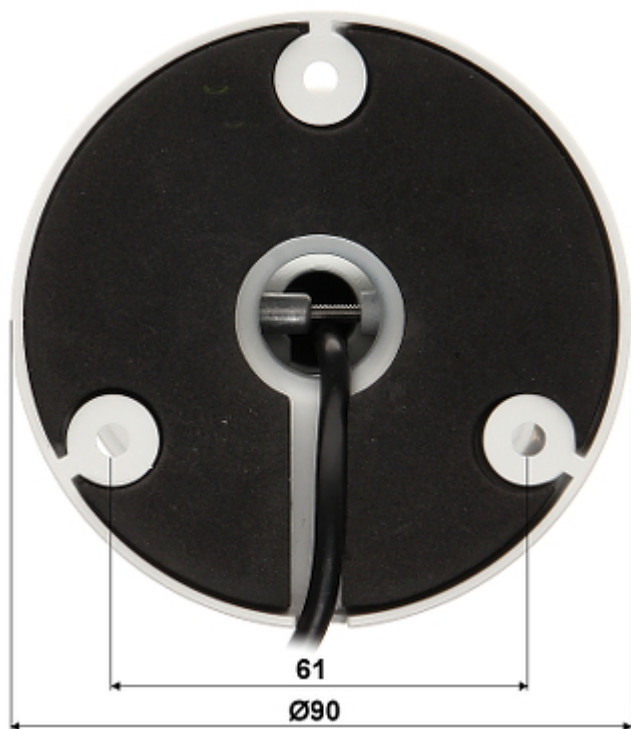
Front view:



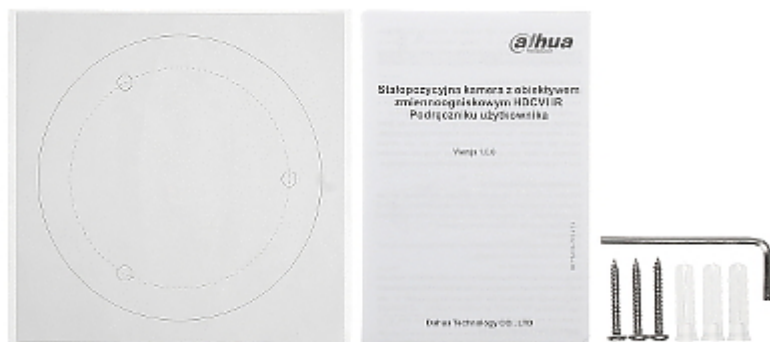
Side view:



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:



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 |
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