

Code: HAC-HDW2241M-E2-0280B

# AHD, HD-CVI, HD-TVI, PAL CAMERA **HAC-HDW2241M-E2-0280B** - 1080p 2.8 mm DAHUA

Net: **200.92 EUR** Gross: **200.92 EUR**

Two independent megapixel cameras with 1/2.8" CMOS sensor and AHD / HD-CVI / HD-TVI / PAL interface.

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.

Attention! The camera is set by default in the HD-CVI standard. Standard changes are made using configuration switches.

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



## SPECIFICATION

|                                  |                                                                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                        | HD-CVI, HD-TVI, AHD, PAL                                                                                                                                                                                                                                                   |
| Sensor:                          | 2 x 1/2.8 " Progressive Scan CMOS                                                                                                                                                                                                                                          |
| Matrix size:                     | 2 x 2.1 Mpx                                                                                                                                                                                                                                                                |
| Resolution:                      | 1920 x 1080 - 1080p ,<br>1280 x 720 - 720p ,<br>960 x 576 - 960H, PAL<br>for single camera                                                                                                                                                                                 |
| Range of IR illumination:        | 30 m - for single camera                                                                                                                                                                                                                                                   |
| IR illuminator power adjustment: | Automatic                                                                                                                                                                                                                                                                  |
| Lens:                            | 2.8 mm                                                                                                                                                                                                                                                                     |
| View angle:                      | • 110 ° (manufacturer data) - for single camera<br>• 106 ° (our tests result)                                                                                                                                                                                              |
| IR illuminator support:          | ICR - Movable InfraRed filter                                                                                                                                                                                                                                              |
| S/N ratio:                       | > 65 dB                                                                                                                                                                                                                                                                    |
| Video output:                    | 2 x : HD-CVI / HD-TVI / AHD / PAL, 1 Vpp / 75 Ω                                                                                                                                                                                                                            |
| Audio:                           | External microphone input - HD-CVI only                                                                                                                                                                                                                                    |
| Main features:                   | • WDR - 120 dB - Wide Dynamic Range<br>• 2D-DNR, 3D-DNR - Digital Noise Reduction<br>• BLC/HLC - Back Light / High Light Compensation<br>• ICR - Movable InfraRed filter<br>• Auto White Balance<br>• AGC - Automatic Gain Control<br>• Sharpness - sharper image outlines |
| OSD menu:                        | OSD menu available via DAHUA recorder                                                                                                                                                                                                                                      |
| Power supply:                    | 12 V DC / 760 mA                                                                                                                                                                                                                                                           |
| Power consumption:               | ≤ 9.2 W                                                                                                                                                                                                                                                                    |

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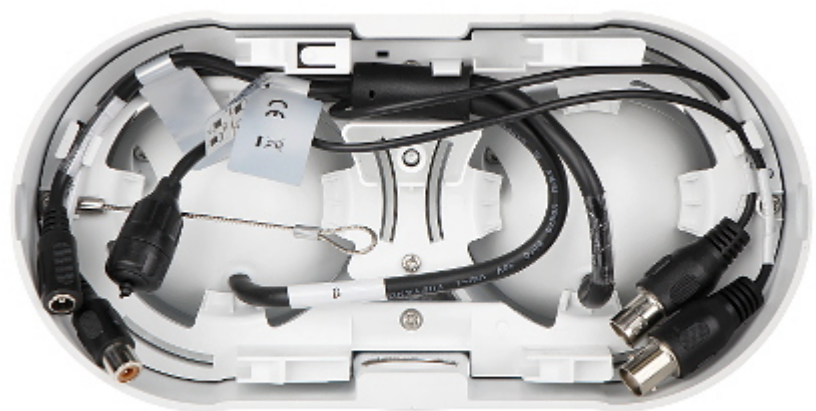
|                        |                                                                        |
|------------------------|------------------------------------------------------------------------|
| Housing:               | Dome, Aluminum                                                         |
| Color:                 | White                                                                  |
| Vandal-proof:          | —                                                                      |
| "Index of Protection": | IP67                                                                   |
| Operation temp:        | -40 °C ... 60 °C                                                       |
| Weight:                | 0.77 kg                                                                |
| Dimensions:            | 201 x 100 x 95 mm                                                      |
| Supported languages:   | Polish, English, French, Spanish, German, Portuguese, Russian, Italian |
| Manufacturer / Brand:  | DAHUA                                                                  |
| Guarantee:             | <b>3 years</b>                                                         |

## PRESENTATION

Rear view:



Mounting side view:



Camera connectors:



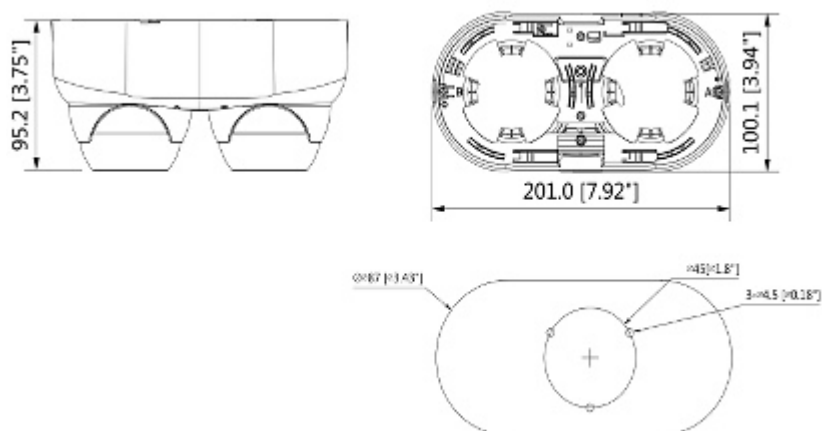
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Standard changes are made using configuration switches:

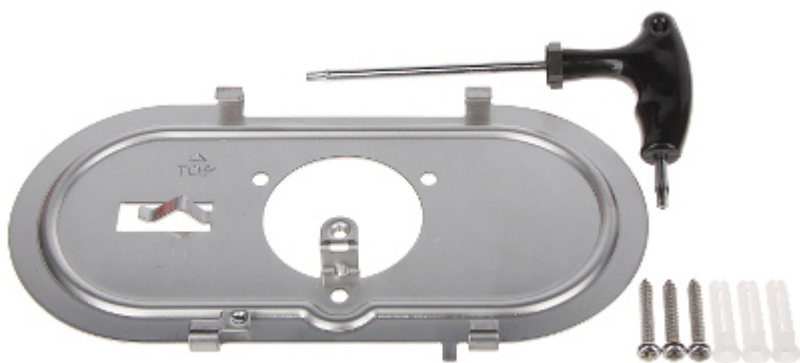


Dimensions:



In the kit:

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## OUR TESTS

AHD:

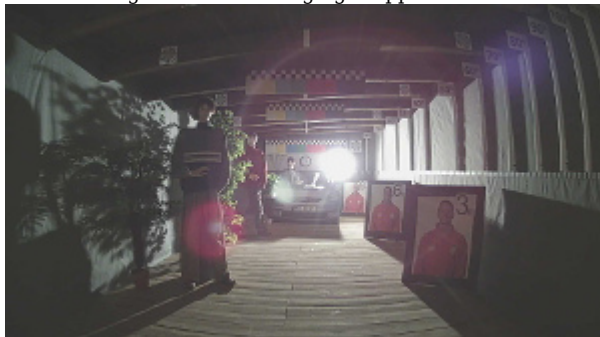
Camera image at artificial illumination (about 30Lux):



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



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



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