

Code: HAC-HDW2241T-Z-A-27135

AHD, HD-CVI, HD-TVI, PAL CAMERA **HAC-HDW2241T-Z-A-27135** - 1080p  
2.7 ... 13.5 mm - MOTOZOOM DAHUA  
Net: **167.21 EUR** Gross: **167.21 EUR**

Megapixel camera with 1/2.8" CMOS sensor and AHD / HD-CVI / HD-TVI / PAL. Attention! The camera is set by default in the HD-CVI standard. Standard changes are made using configuration switches.

The AHD / HD-CVI / HD-TVI interface allows to transmission of analog video signal via coaxial cable in max. 8 Mpx (4K UHD) 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 used motozoom lens with 2.7 ... 13.5 mm focal length allows to remote view angle adjustment.



## SPECIFICATION

|                                  |                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                        | AHD, HD-CVI, HD-TVI, PAL                                                                                                               |
| Sensor:                          | 1/2.8 " 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:                            | 2.7 ... 13.5 mm - Motozoom                                                                                                             |
| View angle:                      | <ul style="list-style-type: none"><li>• 109 ° ... 29 ° (manufacturer data)</li><li>• 105 ° ... 30 ° (our tests result)</li></ul>       |
| Range of IR illumination:        | 60 m                                                                                                                                   |
| IR illuminator support:          | ICR - Movable InfraRed filter                                                                                                          |
| IR illuminator power adjustment: | Automatic                                                                                                                              |
| Video output:                    | AHD / HD-CVI / HD-TVI / CVBS - 1 Vpp / 75 Ω                                                                                            |
| Audio:                           | <ul style="list-style-type: none"><li>• Microphone built-in - HD-CVI only,</li><li>• External microphone input - HD-CVI only</li></ul> |
| S/N ratio:                       | > 65 dB                                                                                                                                |

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Main features:         | <ul style="list-style-type: none"> <li>• Motozoom lens - The control possible only from Dahua recorders in HD-CVI mode</li> <li>• WDR - 120 dB - Wide Dynamic Range</li> <li>• 2D-DNR / 3D-DNR - Digital Noise Reduction</li> <li>• ICR - Movable InfraRed filter</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>• Sharpness - sharper image outlines</li> <li>• Mirror - Mirror image</li> </ul> |
| OSD menu:              | OSD menu available via DAHUA recorder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Power supply:          | 12 V DC / 450 mA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Power consumption:     | ≤ 5.4 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Housing:               | Dome, Aluminum                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Color:                 | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Vandal-proof:          | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| "Index of Protection": | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Operation temp:        | -30 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Weight:                | 0.6 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Dimensions:            | Ø 122 x 107 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Manufacturer / Brand:  | DAHUA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Guarantee:             | <b>3 years</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

## PRESENTATION

Internal view of the housing:



Mounting side view:



Camera connectors:



Standard changes are made using configuration switches:



In the kit:



## OUR TESTS

AHD:

Camera image at artificial illumination (about 30Lux):



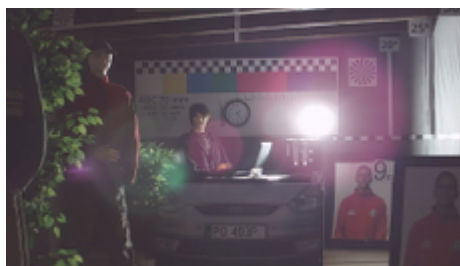
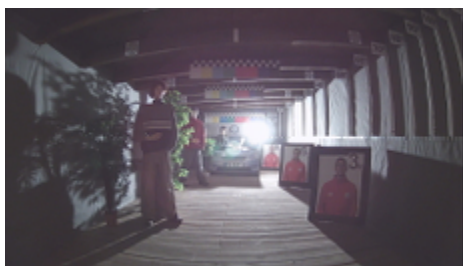
Camera image at night conditions with internal built-in IR illuminator on:



Camera image at direct strong light opposite to camera:



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



HD-CVI:

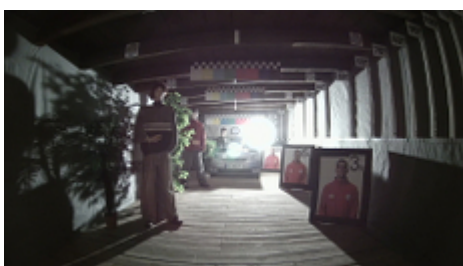
Camera image at artificial illumination (about 30Lux):



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