

Code: HAC-HDBW3231E-ZH-2712

## HD-CVI, PAL VANDALPROOF CAMERA **HAC-HDBW3231E-ZH-2712** - 1080p 2.7 ... 12 mm - MOTOZOOM DAHUA

Megapixel camera with 1/2.8" CMOS sensor and HD-CVI (High Definition Composite Video Interface) / PAL. The HD-CVI interface allows to transmission of analog, composite video signal via coaxial cable. 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. The used motozoom lens with 2.7 ... 12 mm focal length allows to remote view angle adjustment.



|                                  |                                                                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Standard:                        | HD-CVI, 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 - PAL                                                                       |
| Video output:                    | HD-CVI, PAL - 1 Vpp / 75 Ω                                                                                                        |
| Lens:                            | 2.7 ... 12 mm - Motozoom                                                                                                          |
| View angle:                      | <ul style="list-style-type: none"> <li>• 95 ° ... 36 ° (manufacturer data)</li> <li>• 90 ° ... 34 ° (our tests result)</li> </ul> |
| S/N ratio:                       | > 65 dB                                                                                                                           |
| IR illuminator support:          | ICR - Movable InfraRed filter                                                                                                     |
| Range of IR illumination:        | 50 m                                                                                                                              |
| IR illuminator power adjustment: | Automatic                                                                                                                         |
| Audio:                           | External microphone input                                                                                                         |
| Alarm inputs / outputs:          | 1 / 1                                                                                                                             |
| OSD menu:                        | OSD menu available via DAHUA recorder                                                                                             |

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| Main features:         | <ul style="list-style-type: none"> <li>• Motozoom lens</li> <li>• ICR - Movable InfraRed filter</li> <li>• 2D-DNR / 3D-DNR - Digital Noise Reduction</li> <li>• BLC/HLC - Back Light / High Light Compensation</li> <li>• AGC - Automatic Gain Control</li> <li>• IR illuminator optimization</li> <li>• D-ZOOM - Digital Zoom</li> <li>• Mirror - Mirror image</li> <li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>• Motion Detection</li> <li>• Configurable Privacy Zones</li> <li>• Auto White Balance</li> <li>• Sharpness - sharper image outlines</li> </ul> |
| Power supply:          | <ul style="list-style-type: none"> <li>• 12 V DC / 1790 mA,</li> <li>• 24 V AC / 895 mA</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Power consumption:     | ≤ 21.5 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Housing:               | Dome, Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Vandal-proof:          | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Color:                 | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| "Index of Protection": | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Operation temp:        | -30 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Weight:                | 0.9 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Dimensions:            | Ø 159 x 118 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Manufacturer / Brand:  | DAHUA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Guarantee:             | <b>3 years</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |