

Code: HAC-HDBW3231E-ZT-2712

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

Megapixel camera with 1/2.8" CMOS sensor and HD-CVI (High Definition Composite Video Interface) / HD-SDI (Serial Digital Interface) / PAL. Thanks to the "Starlight" technology used, the camera only needs very low lighting to obtain a clear color image.

The HD-CVI interface allows to transmission of analog, composite video signal via coaxial cable. During transmission there are no delays and is maintained the original, high quality image.

HD-SDI is the interface used for transmission of uncompressed, unencrypted digital video signals (optionally may include embedded Audio and Time Code). It bases on coaxial cables with BNC connectors, and allows to clear digital signal transmission at HD quality.

The used motozoom lens with 2.7 ... 12 mm focal length allows to remote view angle adjustment.



|                                  |                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                        | HD-CVI, HD-SDI, PAL                                                                                                                       |
| Sensor:                          | 1/2.8 " Progressive Scan CMOS                                                                                                             |
| Matrix size:                     | 2.1 Mpx                                                                                                                                   |
| Resolution:                      | 1920 x 1080 - 1080p @ HD-CVI / HD-SDI<br>1280 x 720 - 720p @ HD-CVI / HD-SDI<br>960 x 576 - PAL                                           |
| Video output:                    | <ul style="list-style-type: none"> <li>• HD-CVI - 1 Vpp / 75 Ω</li> <li>• HD-SDI - 1 Vpp / 75 Ω</li> <li>• CVBS - 1 Vpp / 75 Ω</li> </ul> |
| Lens:                            | 2.7 ... 12 mm - Motozoom                                                                                                                  |
| View angle:                      | <ul style="list-style-type: none"> <li>• 95 ° ... 36 ° (manufacturer data)</li> <li>• 90 ° ... 33 ° (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                                                                                                                                     |

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| OSD menu:              | OSD menu available via DAHUA recorder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Main features:         | <ul style="list-style-type: none"> <li>• Motozoom lens</li> <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>• IR illuminator optimization</li> <li>• D-ZOOM - Digital Zoom</li> <li>• Mirror - Mirror image</li> <li>• ICR - Movable InfraRed filter</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 / 1050 mA,</li> <li>• 24 V AC / 520 mA</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Power consumption:     | ≤ 12.5 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Housing:               | Dome, Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Vandal-proof:          | IK10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |