Code: HAC-HDW1239TL-A-LED-0280B

# AHD, HD-CVI, HD-TVI, CVBS CAMERA **HAC-HDW1239TL-A-LED-0280B** Full-Color - 1080p 2.8 mm DAHUA

Net: 64.58 EUR Gross: 64.58 EUR

Megapixel camera with 1/2.8" CMOS sensor and AHD / HD-CVI / HD-TVI / CVBS.

Attention! The camera default setting is HD-CVI standard. To change the camera standard you need use the PFM820 controller, available separately.

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.

**Attention!** The camera of the Full-color series does not have a black and white mode. Thanks to fit the camera in a very sensitive sensor and the LED illuminator emitting visible light in white, the device allows to obtain a clear, colorful image in all lighting conditions. Thanks to the "Starlight" technology used, the camera only needs very low lighting to obtain a clear color image.




**SPECIFICATION**

| | |
|---|---|
| Standard: | AHD, HD-CVI, HD-TVI, CVBS |
| Sensor: | 1/2.8 " CMOS |
| Matrix size: | 2.16 Mpx |
| Resolution: | 1920 x 1080 - 1080p ,<br>1280 x 720 - 720p ,<br>960 x 576 - 960H, PAL |
| Lens: | 2.8 mm |
| View angle: | • 106 ° (manufacturer data)<br>• 103 ° (our tests result) |
| White light LED illuminator range: | 20 m |
| Video output: | AHD / HD-CVI / HD-TVI / CVBS, 1 Vpp / 75 Ω |
| Audio: | • Microphone built-in<br>• Audio support via coaxial cable - HD-CVI only |
| OSD menu: | OSD menu available via DAHUA recorder |
| Main features: | • Possibility to turn off the LED illuminator<br>• D-WDR - Wide Dynamic Range<br>• 2D-DNR - Digital Noise Reduction<br>• F-DNR (Defog) - Reduction of image noise caused by precipitation<br>• BLC/HLC - Back Light / High Light Compensation<br>• Sharpness - sharper image outlines<br>• AGC - Automatic Gain Control<br>• Privacy zones<br>• Mirror - Mirror image<br>• Auto White Balance |
| "Index of Protection": | IP67 |

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| | |
|---|---|
| Power supply: | 12 V DC / 250 mA |
| Power consumption: | ≤ 3 W |
| Housing: | Dome, Aluminum + Plastic |
| Vandal-proof: | – |
| Color: | White |
| Operation temp: | -40 °C ... 60 °C |
| Weight: | 0.21 kg |
| Dimensions: | Ø 97  x 86 mm |
| Manufacturer / Brand: | DAHUA |
| Guarantee: | **3 years** |

**PRESENTATION**

Camera is out from clamping ring:



Mounting side view:



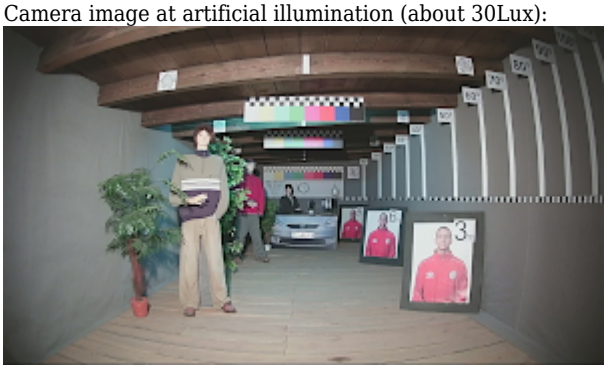

In the kit:



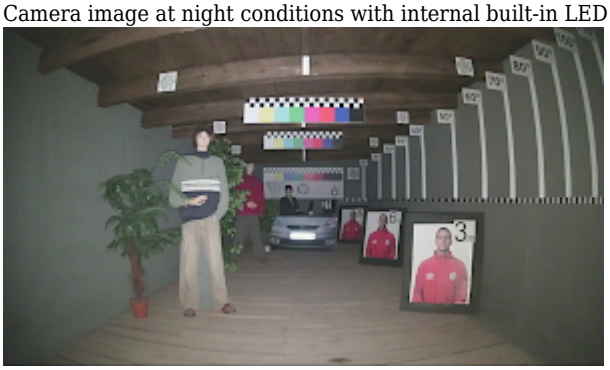
**OUR TESTS**

AHD:

Camera image at artificial illumination (about 30Lux):



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



Camera image at direct strong light opposite to camera:



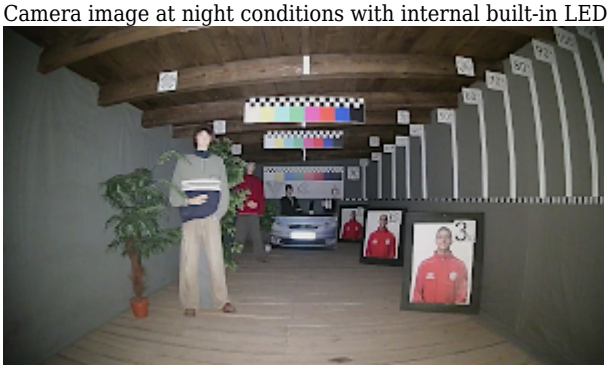
HD-CVI:

Camera image at artificial illumination (about 30Lux):



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



Camera image at direct strong light opposite to camera:

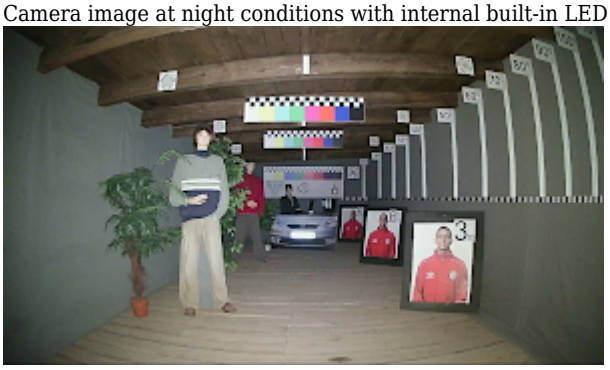


HD-TVI:

Camera image at artificial illumination (about 30Lux):



Camera image at night conditions with internal built-in LED 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 |