

Code: GT-CA41V3-28VF

AHD, HD-CVI, HD-TVI, CVBS CAMERA **GT-CA41V3-28VF** - 3.7 Mpx 2.8 ...  
12 mm GEMINI TECHNOLOGY  
Net: **34.05 EUR** Gross: **34.05 EUR**

Megapixel camera with 1/3" OmniVision CMOS sensor and AHD (Analog High Definition).

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.



## SPECIFICATION

|                                  |                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------|
| Standard:                        | AHD, HD-CVI, HD-TVI, PAL                                                        |
| Sensor:                          | 1/3 " OmniVision OV4689 CMOS                                                    |
| Digital Image Processor:         | Nextchip NVP2475H                                                               |
| Matrix size:                     | 4.0 Mpx                                                                         |
| Resolution:                      | 2560 x 1440 - 3.7 Mpx @ 25 fps - AHD / HD-CVI / HD-TVI<br>960 x 576 - 960H, PAL |
| Range of IR illumination:        | 30 m                                                                            |
| IR illuminator power adjustment: | Automatic                                                                       |
| Lens:                            | 2.8 ... 12 mm                                                                   |
| View angle:                      | • 81 ° ... 23 ° (manufacturer data)<br>• 80 ° ... 30 ° (our tests result)       |
| S/N ratio:                       | > 35 dB                                                                         |
| Video output:                    | 1 Vpp 75 Ω, AHD / HD-CVI / HD-TVI / PAL                                         |

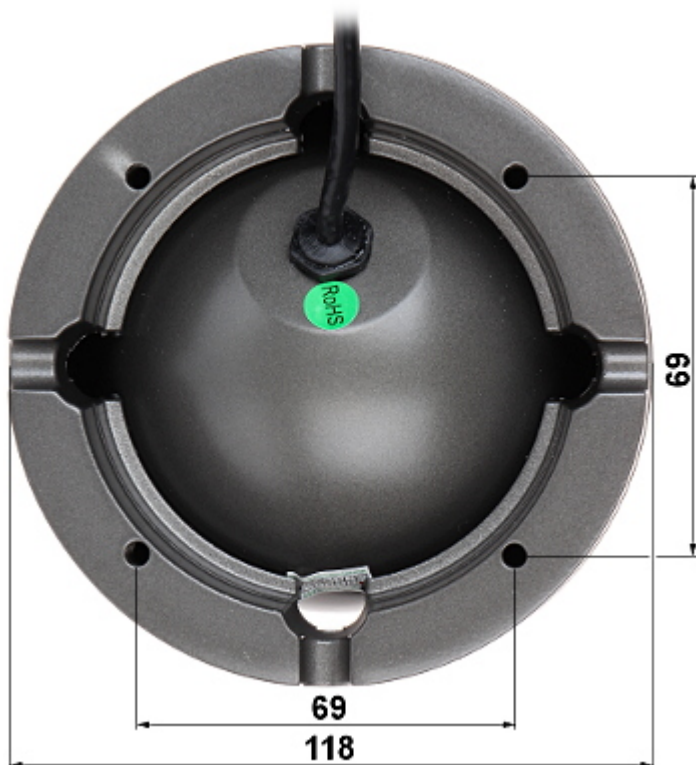
|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Main features:         | <ul style="list-style-type: none"> <li>• Sense-UP - (Slow Shutter) - Increase the sensor sensitivity max. x 30</li> <li>• D-WDR - Wide Dynamic Range</li> <li>• 2D-DNR - Digital Noise Reduction</li> <li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>• ICR - Movable InfraRed filter</li> <li>• Motion Detection - max. 4 zones</li> <li>• Privacy zones - max. 4</li> <li>• Day/Night mode (color/b&amp;w/auto)</li> <li>• WB - White Balance (ATW/AWB/manual/indoor/outdoor)</li> <li>• BLC - configurable Back Light Compensation</li> <li>• HSBLC - High Light Compensation (spot)</li> <li>• Mirror - Mirror image</li> <li>• image "freeze"</li> <li>• Sharpness - sharper image outlines</li> <li>• Monitor type correction - LCD/CRT</li> </ul> |
| OSD menu:              | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Power supply:          | 12 V DC / 420 mA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Power consumption:     | ≤ 5 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Housing:               | Dome - Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Color:                 | Graphite                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Vandal-proof:          | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| "Index of Protection": | IP65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Operation temp:        | -20 °C ... 50 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Weight:                | 0.68 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Dimensions:            | Ø 118 x 95 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Supported languages:   | Polish, English, French, Spanish, Dutch, German, Portuguese, Russian, Turkish, Italian                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Manufacturer / Brand:  | GEMINI TECHNOLOGY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Guarantee:             | 2 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

## PRESENTATION

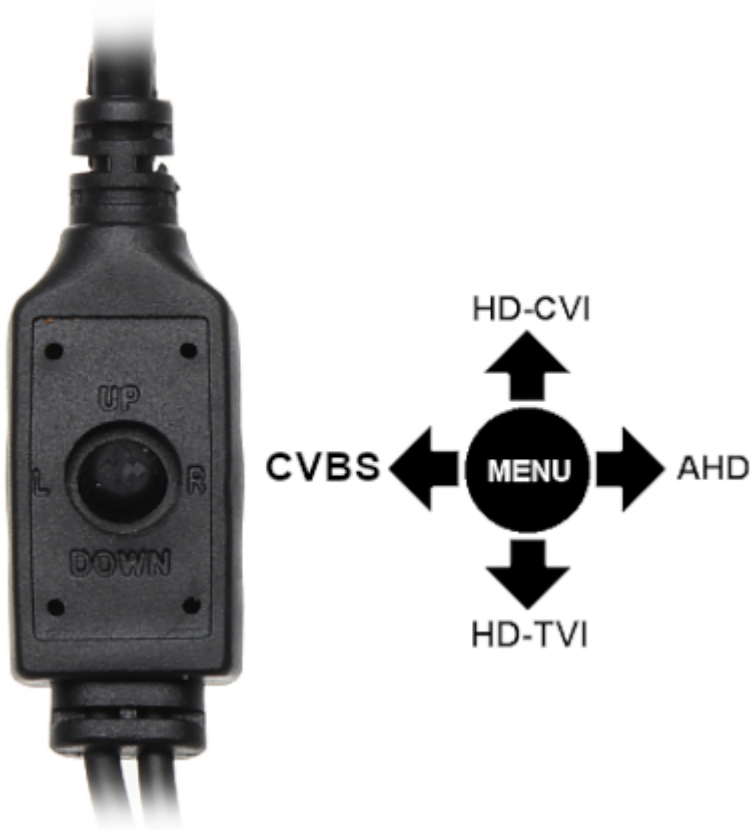
Camera is out from clamping ring (the OSD menu controller visible):



Mounting side view:



The appropriate signal format selection is done by tilting and holding the joystick for 5 s without entering to the OSD menu. Changing the signal to the NTSC in the camera causes loss of image in connected AHD recorder:



In the kit:



## OUR TESTS

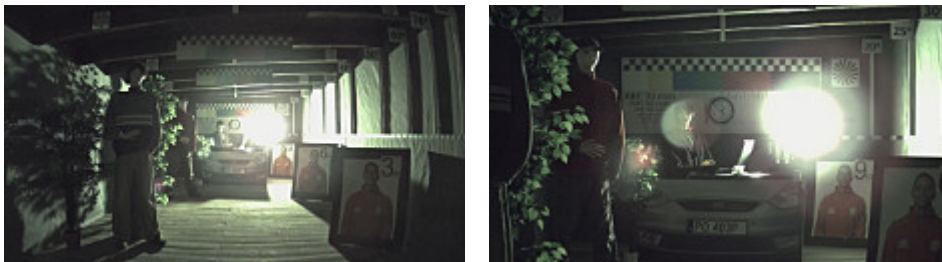
Camera image at artificial illumination (about 30Lux):



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