# DATA SHEET

Code: GT-CA41C5-28VF

## AHD, HD-CVI, HD-TVI, PAL CAMERA **GT-CA41C5-28VF** - 3.7 Mpx 2.8 ... 12 mm
## GEMINI TECHNOLOGY

Megapixel camera with 1/3" CMOS sensor and AHD / HD-CVI / HD-TVI / PAL.
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.




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| 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: | 50 m |
| IR illuminator power adjustment: | By potentiometer |
| Lens: | 2.8 ... 12 mm |
| View angle: | • 81 ° ... 23 ° (manufacturer data)<br>• 84 ° ... 31 ° (our tests result) |
| S/N ratio: | > 50 dB |
| Video output: | 1 Vpp 75 Ω - AHD / HD-CVI / HD-TVI / PAL |

DELTA-OPTI Monika Matysiak; https://www.delta.poznan.pl
POL; 60-713 Poznań; Graniczna 10
e-mail: delta-opti@delta.poznan.pl; tel: +(48) 61 864 69 60

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| Main features: | • Sense-UP - (Slow Shutter) - Increase the sensor sensitivity max. x 30<br>• D-WDR - Wide Dynamic Range<br>• 2D-DNR - Digital Noise Reduction<br>• ICR - Movable InfraRed filter<br>• Motion Detection - max. 4 zones<br>• Privacy zones - max. 4<br>• Day/Night mode (color/b&w/auto)<br>• WB - White Balance (ATW/AWB/manual/indoor/outdoor)<br>• BLC - configurable Back Light Compensation<br>• HLC - High Light Compensation (spot)<br>• Mirror - Mirror image<br>• image "freeze"<br>• Sharpness - sharper image outlines<br>• Monitor type correction - LCD/CRT |
| OSD menu: | ✔ |
| Power supply: | 12 V DC / 420 mA |
| Power consumption: | ≤ 5 W |
| Housing: | Compact - Metal |
| Color: | Dark graphite |
| "Index of Protection": | IP65 |
| Operation temp: | -20 °C ... 60 °C |
| Weight: | 0.8 kg |
| Dimensions: | 260 x 123 x 92 mm |
| Supported languages: | Polish, English, French, Spanish, Dutch, German, Portuguese, Russian, Turkish, Italian |
| Manufacturer / Brand: | GEMINI TECHNOLOGY |
| Guarantee: | 2 years |

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e-mail: delta-opti@delta.poznan.pl; tel: +(48) 61 864 69 60