

Code: BCS-TA45VSR6-G

# AHD, HD-CVI, HD-TVI, PAL CAMERA **BCS-TA45VSR6-G** - 5 Mpx 2.7 ... 12 mm - MOTOZOOM

Net: **82.26 EUR** Gross: **82.26 EUR**

Megapixel camera with 1/2.7" CMOS sensor and AHD / HD-CVI / HD-TVI.

The AHD / HD-CVI / HD-TVI interface allows to transmission of analog video signal via coaxial cable in max. 8 Mpx (4K) 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.

The range of IR illumination according to the manufacturer data, depends on outer conditions (visibility - air transparency, environment, wall colors ie. scene reflectance). Camera is according to IP67 Index of Protection norm.



## SPECIFICATION

|                                  |                                                                                                                                                                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                        | AHD, HD-CVI, HD-TVI, CVBS                                                                                                                                                                                                                                      |
| Sensor:                          | 1/2.7 " Progressive Scan CMOS                                                                                                                                                                                                                                  |
| Matrix size:                     | 5 Mpx                                                                                                                                                                                                                                                          |
| Resolution:                      | <ul style="list-style-type: none"><li>• 2880 x 1620 - 5 Mpx @ HD-CVI - 25 fps : Aspect Ratio 16 : 9,</li><li>• 2560 x 1440 - 4 Mpx @ AHD / HD-CVI / HD-TVI - 25 fps</li><li>• 1920 x 1080 - 1080p @ HD-CVI - 25 fps</li><li>• 960 x 576 - 960H @ PAL</li></ul> |
| Lens:                            | 2.7 ... 12 mm - Motozoom                                                                                                                                                                                                                                       |
| View angle:                      | <ul style="list-style-type: none"><li>• 107 ° ... 34 ° (manufacturer data)</li><li>• 102 ° ... 35 ° @ HD-CVI (our tests result)</li><li>• 90 ° ... 31 ° @ AHD / HD-CVI (our tests result)</li></ul>                                                            |
| Range of IR illumination:        | 60 m                                                                                                                                                                                                                                                           |
| IR illuminator power adjustment: | Automatic                                                                                                                                                                                                                                                      |
| Video output:                    | AHD / HD-CVI / HD-TVI / CVBS, 1 Vpp / 75 Ω                                                                                                                                                                                                                     |
| Audio:                           | —                                                                                                                                                                                                                                                              |
| OSD menu:                        | ✓                                                                                                                                                                                                                                                              |

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Main features:         | <ul style="list-style-type: none"> <li>• Motozoom lens - The camera does not have auto-focus function</li> <li>• D-WDR - Wide Dynamic Range</li> <li>• 2D-DNR - Digital Noise Reduction</li> <li>• BLC - Back Light Compensation</li> <li>• HLC - High Light Compensation (spot)</li> <li>• AGC - Automatic Gain Control</li> <li>• ICR - Movable InfraRed filter</li> <li>• Privacy zones - max. 8</li> <li>• Mirror - Mirror image</li> <li>• Auto White Balance</li> <li>• Sharpness - sharper image outlines</li> </ul> |
| Power supply:          | 12 V DC / 820 mA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Power consumption:     | ≤ 9.8 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Housing:               | Compact, Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Color:                 | Dark graphite                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| "Index of Protection": | IP66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Operation temp:        | -20 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Weight:                | 0.58 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Dimensions:            | 210 x 90 x 90 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Manufacturer / Brand:  | BCS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Guarantee:             | <b>3 years</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## PRESENTATION

Front view:



Side view:



Mounting side view:



Standard changes are made using configuration switches:



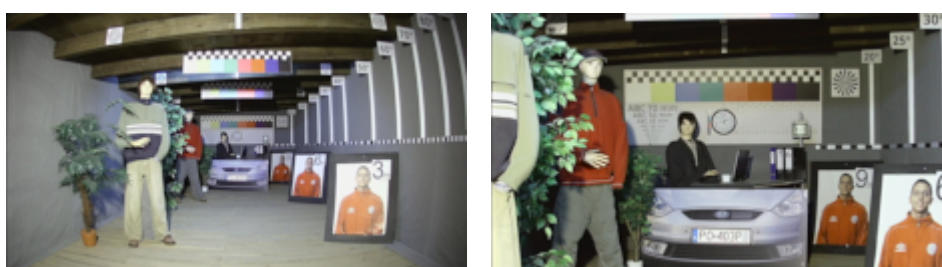
In the kit:



## OUR TESTS

AHD:

Camera image at artificial illumination (about 30Lux):



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



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

Camera image at direct strong light opposite to camera:



HD-CVI:

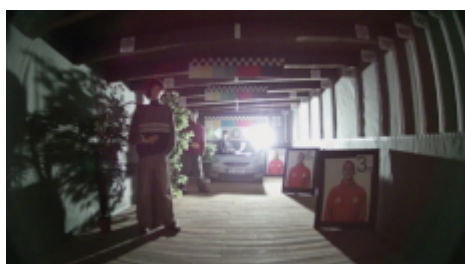
Camera image at artificial illumination (about 30Lux):



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



Camera image at direct strong light opposite to camera:



HD-TVI:

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