

Code: BCS-EA18FWR3

# AHD, HD-CVI, HD-TVI, PAL CAMERA **BCS-EA18FWR3** - 8.3 Mpx 2.8 mm BCS Line

Net: **78.65 EUR** Gross: **78.65 EUR**

Megapixel camera with 1/2.7" 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. 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:                     | 8.3 Mpx                                                                                                                         |
| Resolution:                      | 3840 x 2160 - 8.3 Mpx @ 15 fps ,<br>2592 x 1944 - 5 Mpx @ 20 fps ,<br>2560 x 1440 - 3.7 Mpx @ 25 fps ,<br>960 x 576 - 960H, PAL |
| Range of IR illumination:        | 30 m                                                                                                                            |
| IR illuminator power adjustment: | Automatic                                                                                                                       |
| Lens:                            | 2.8 mm, F2.0                                                                                                                    |
| View angle:                      | <ul style="list-style-type: none"><li>• 105 ° (manufacturer data)</li><li>• 100 ° (our tests result)</li></ul>                  |
| Video output:                    | AHD / HD-CVI / HD-TVI / CVBS, 1 Vpp / 75 Ω                                                                                      |
| OSD menu:                        | ✓                                                                                                                               |
| Audio:                           | <ul style="list-style-type: none"><li>• Microphone built-in</li><li>• Audio support via coaxial cable - HD-CVI only</li></ul>   |

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Main features:         | <ul style="list-style-type: none"> <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 - Back Light Compensation</li> <li>• HLC - High Light Compensation (spot)</li> <li>• ICR - Movable InfraRed filter</li> <li>• AGC - Automatic Gain Control</li> <li>• Mirror - Mirror image</li> <li>• Auto White Balance</li> <li>• Configurable Privacy Zones</li> </ul> |
| Power supply:          | 12 V DC / 420 mA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Power consumption:     | < 5 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Housing:               | Dome, Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Color:                 | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| "Index of Protection": | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Vandal-proof:          | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Operation temp:        | -40 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Weight:                | 0.33 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Dimensions:            | Ø 93 x 86 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Manufacturer / Brand:  | BCS Line                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Guarantee:             | <b>3 years</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

## PRESENTATION

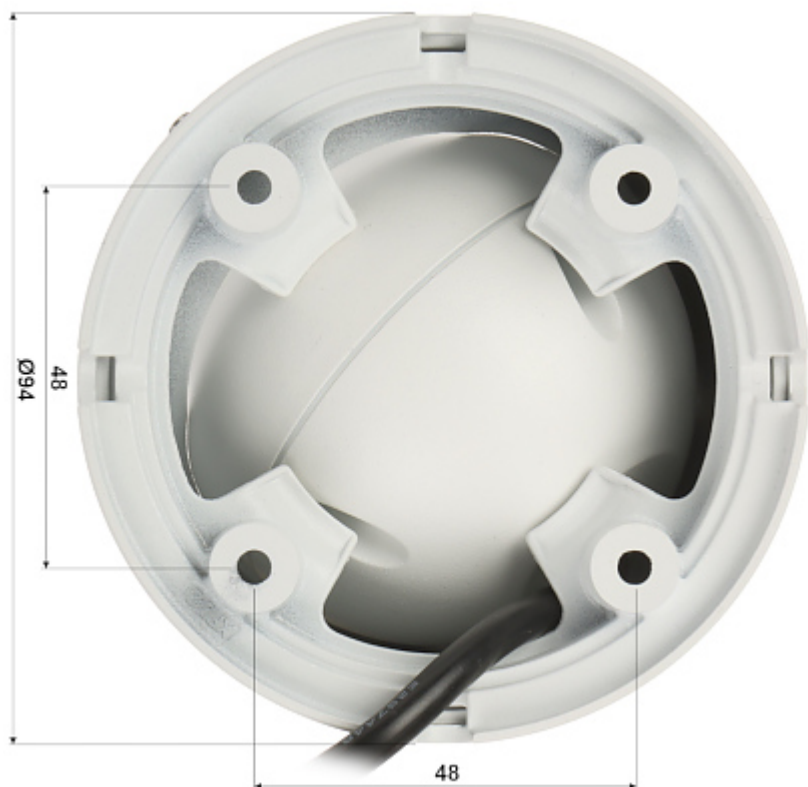
Internal view of the housing:



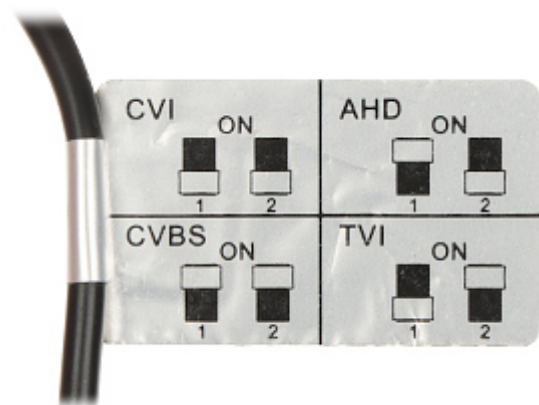
Mounting side view:



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Camera dimensions:



In the kit:



## OUR TESTS

### HD-CVI:

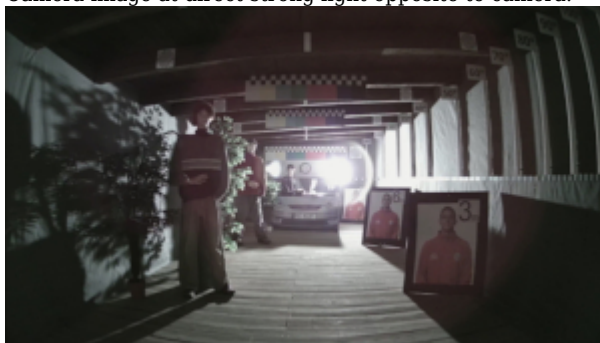
Camera image at artificial illumination (about 30Lux):



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



Camera image at direct strong light opposite to camera:



#### PACKAGE

|                                  |                    |
|----------------------------------|--------------------|
| Dimensions (L x W x H): 0x0x0 mm | Gross Weight: 0 kg |
|----------------------------------|--------------------|