

Code: GRAFIX-15V3B-21

# AHD, HD-CVI, HD-TVI, PAL VANDALPROOF CAMERA **GRAFIX-15V3B-21** - 720p 2.8 ... 12 mm

Net: **468.84 SEK** Gross: **468.84 SEK**

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 720p resolution. It enables the transmission of HD resolution images for even 500 m distance with keeping the low costs of the installation. 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.

Setting the camera in PAL mode allows to obtain an image in 960H resolution. The appropriate signal format selection is done by tilting the joystick in the desired direction while switching voltage.



## SPECIFICATION

|                                  |                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                        | AHD, HD-CVI, HD-TVI, PAL                                                                                                                                                                                                                                                                                                                                           |
| Sensor:                          | 1/3 " HDIS CMOS                                                                                                                                                                                                                                                                                                                                                    |
| Digital Image Processor:         | DI3010                                                                                                                                                                                                                                                                                                                                                             |
| Matrix size:                     | 1.3 Mpx                                                                                                                                                                                                                                                                                                                                                            |
| Resolution:                      | 1280 x 720 - 720p, AHD-M, 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, 3 Mpx                                                                                                                                                                                                                                                                                                                                               |
| View angle:                      | • 81 ° ... 23 ° (manufacturer data)<br>• 85 ° ... 30 ° (our tests result)                                                                                                                                                                                                                                                                                          |
| S/N ratio:                       | > 50 dB                                                                                                                                                                                                                                                                                                                                                            |
| Video output:                    | 1 Vpp 75 Ω, AHD / HD-CVI / HD-TVI / PAL - selectable by switch                                                                                                                                                                                                                                                                                                     |
| Main features:                   | <ul style="list-style-type: none"><li>• The ability to control via coaxial cable from recorder</li><li>• DNR - Digital Noise Reduction</li><li>• ICR - Movable InfraRed filter</li><li>• BLC/HLC - Back Light / High Light Compensation</li><li>• AGC - Automatic Gain Control</li><li>• Auto White Balance</li><li>• Sharpness - sharper image outlines</li></ul> |
| OSD menu:                        | ✓                                                                                                                                                                                                                                                                                                                                                                  |
| Power supply:                    | 12 V DC / 340 mA                                                                                                                                                                                                                                                                                                                                                   |

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|                        |                                            |
|------------------------|--------------------------------------------|
| Power consumption:     | ≤ 4.1 W                                    |
| Housing:               | Dome - Metal                               |
| Color:                 | Black                                      |
| Vandal-proof:          | ✓                                          |
| "Index of Protection": | IP66                                       |
| Operation temp:        | -20 °C ... 50 °C                           |
| Weight:                | 0.622 kg                                   |
| Dimensions:            | Ø 120 x 89 mm                              |
| Supported languages:   | English, Chinese, French, Spanish, Italian |
| Manufacturer / Brand:  | Grafix                                     |
| 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 the joystick in the desired direction while switching voltage:



#### Configuration

1) Move the joystick in the correct direction

2) Turn on the power

In the kit:



#### OUR TESTS

AHD:

Camera image at artificial illumination (about 30Lux):



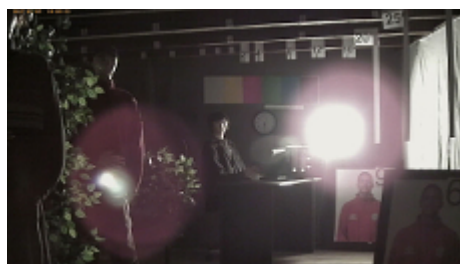
Camera image at night conditions with internal built-in IR illuminator on:



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Camera image at direct strong light opposite to camera:



HD-CVI:

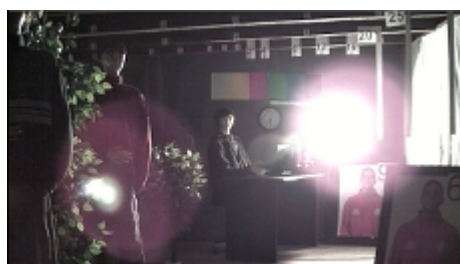
Camera image at artificial illumination (about 30Lux):



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:



## OUR OPINIONS



- Poor quality image in CVBS standard.

## PACKAGE

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



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