

Code: SV-1000A

# VIDEO SEPARATOR WITH OPTO-ISOLATION **SV-1000A** STANDARD: AHD, HD-CVI

Net: **37.92 EUR** Gross: **37.92 EUR**

The SV-1000A Video Separator is designed for additional protection in CCTV installations compatible with AHD-M, AHD-H, HD-CVI 720p systems, securing the cameras and other devices from voltage differences and strokes between devices and electric currents in signal ground cable.

The device eliminates disturbances during video signal transmission by galvanic isolation (optoisolation) between input and output. Galvanic isolation is also present between the power supply of input and output circuits. The main power supply of the device is also isolated.



## SPECIFICATION

|                                                                 |                                                                                                                   |
|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Standard:                                                       | <ul style="list-style-type: none"><li>• AHD - 4 Mpx</li><li>• HD-CVI - 720p</li><li>• CVBS - PAL / NTSC</li></ul> |
| Number of inputs:                                               | 1 pcs BNC                                                                                                         |
| Number of outputs:                                              | 1 pcs BNC                                                                                                         |
| Input impedance:                                                | 75 $\Omega$                                                                                                       |
| Output impedance:                                               | 75 $\Omega$                                                                                                       |
| Galvanic (optical) isolation between signal inputs and outputs: | 1000 V peak                                                                                                       |
| Opto-isolation between power and signal inputs / outputs:       | 1000 V peak                                                                                                       |
| Gain adjustment:                                                | -3 dB ... +3 dB                                                                                                   |
| Bandwidth:                                                      | 33 MHz / 1 Vpp                                                                                                    |
| Power supply:                                                   | 12 V DC / 90 mA                                                                                                   |
| Weight:                                                         | 0.088 kg                                                                                                          |
| Dimensions:                                                     | 120 x 62 x 30 mm                                                                                                  |
| Manufacturer / Brand:                                           | DELTA                                                                                                             |
| Guarantee:                                                      | <b>3 years</b>                                                                                                    |

## PRESENTATION

Front panel:

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Top view:



The Fig.1 shows the SV-1000A video separator connecting diagram example. It allows to eliminate signal disturbances due to difference in voltage between camera ground and recorder ground:



## PACKAGE

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