

VIDEO OVERVOLTAGE LIMITER OPV-16SDI/R19Net: **107.31 EUR** Gross: **107.31 EUR**

The OPV-16SDI/R19 overvoltage limiter effectively protects signal line carrying away the stroke current to the ground, due to above provides adequate overvoltage protection for electronic devices. Our statistics collected from many years of service show that about 25 percent of damages of electronic equipment was caused by overvoltages.

The OPV-16SDI/R19 does not affect signal quality and is a passive device, no supplying is required.

ATTENTION! Before installation please read the following instructions: Any installation work cannot be led during thunderstorm. The OPV-16SDI/R19 requires good quality grounding installation. The limiter should be placed as near as possible to the protected device. The OPV-16SDI/R19 requires the proper connection. Protected device must be connected to the "DEVICE" - OUTPUT BNC plug. The "LINE" BNC socket should be connected to the transmission line which may occur surge.

Limiter is designed to operate with devices working in SDI standard. Device supports any CCTV cameras (AHD, CVI, TVI, PAL, NTSC).

The device uses a modern solution in the form of high-speed protection made in MOSFET technology ("surge current blocker").

**SPECIFICATION**

Standard:	• HD-SDI • AHD - 5 Mpx • HD-CVI - 8 Mpx 4K UHD • HD-TVI - 5 Mpx • CVBS - PAL / NTSC
Protected line:	Coaxial
Threshold voltage:	> 5 V
Maximum stroke current:	1 kA (8/20µs)
Response time:	< 1 ns
Number of channels:	16
Baud rates:	1.485 Gb/s HD-SDI SMPTE-292M
Insertion loss:	1.1 dB
Grounding:	Indirect, via inserted cable
Input socket type:	16 x BNC socket
Output socket type:	16 x BNC socket
Length of grounding cable:	0.5 m
Application:	• cameras HD-SDI, AHD, CVI, TVI, PAL/NTSC • Recorders HD-SDI, AHD, CVI, TVI, PAL/NTSC • monitors • CCTV • CATV
Operation temp:	- 20 °C ... 55 °C
Permissible relative humidity:	< 95 %
Weight:	0.425 kg
Dimensions:	483 x 44 x 37 mm RACK 19", 1U
Guarantee:	2 years

PRESENTATION

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Front panel:



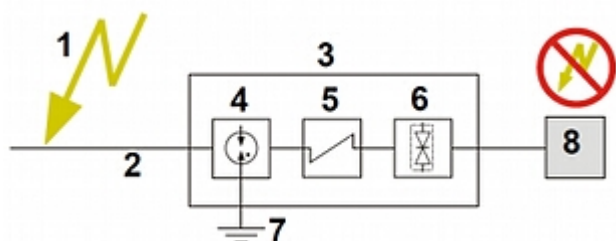
Rear view:



Top view:

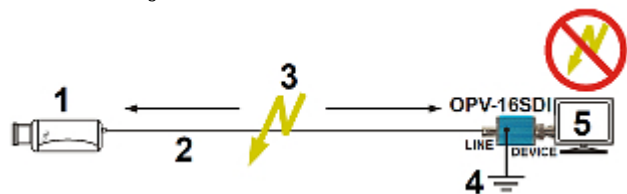


Operation way:



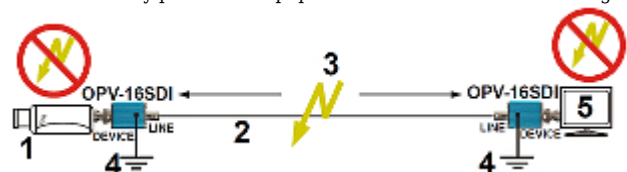
- 1) Overvoltage
- 2) Coaxial cable
- 3) overvoltage limiter
- 4) gas spark arrester
- 5) surge current blocker
- 6) protection diode
- 7) Grounding
- 8) Protected devices

Connection diagram:



- 1) Camera
- 2) Coaxial cable
- 3) Overvoltage
- 4) Grounding
- 5) Monitor

In order to fully protect all equipment connected to video lines against overvoltages, this application is recommended:



- 1) Camera
- 2) Coaxial cable
- 3) Overvoltage
- 4) Grounding
- 5) Monitor

PACKAGE

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