

user's manual
instrukcja obsługi



eng

pl

NVG-002LIB
NVG-003TLIB

NOVus[®]

user's manual




eng

NVG-002LIB
NVG-003TLIB

NOVus[®]

EMC (89/336/EEC) and LVD (73/23/EEC) Directives

CE Marking

 Our products are manufactured to comply with requirements of the following directives and national regulations implementing the directives:

- Electromagnetic compatibility EMC 89/336/EEC with further amendments
- Low-voltage LVD 73/23/EEC with further amendments. This directive applies to electrical equipment designed for use with a voltage rating of between 50VAC and 1000VAC as well as 75VDC and 1500VDC.

WEEE 2002/96/EC Directive

Information for users who want to get rid of electrical and electronic appliances



This product is marked according to the European Directive on Waste Electrical and Electronic Equipment (2002/96/EC) and further amendments. By ensuring this product is disposed of correctly, you will help to prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.

The symbol on the product, or the documents accompanying the product, indicates that this appliance may not be treated as household waste. It shall be handed over to the applicable collection point for the waste electrical and electronic equipment for recycling purpose. For more information about recycling of this product, please contact your local authorities, your household waste disposal service or the shop where you purchased the product.

2002/95/EC RoHS Directive



Out of concern for human health protection and friendly environment, we assure that our products falling under RoHS Directive regulations, regarding the restriction of the use of hazardous substances in electrical and electronic equipment, have been designed and manufactured in compliance with the above mentioned regulation. Simultaneously, we claim that our products have been tested and do not contain hazardous substances whose exceeding limits could have negative impact on human health or natural environment.

Information

The device, as a part of professional CCTV system used for surveillance and control, is not designed for self installation in households by individuals without technical knowledge.

The manufacturer is not responsible for any defects or damages resulting from improper, or inconsistent with user's manual, installation of the device in the system.

TABLE OF CONTENTS

1.	SPECIFICATION.....	6
2.	DEVICES	7
3.	EXAMPLES OF INSTALLATION.....	8

eng

1. Specifications:

Video ground loop isolators: **NVG-002LIB**, **NVG-003TLIB** are passive devices that allow separating circuits of different mass potentials in order to prevent current loops and video signal reduction. Devices can be easily installed both in new and already existing video monitoring systems. Different levels of mass potential may result from unbalanced load of power supply phases, as well as diverse earth potentials in different places.

Model	NVG-002LIB	NVG-003TLIB
Insertion loss	0.5 dB	
Frequency	0-3dB for 10MHz	
Input resistance	75 Ω	
Output resistance	75 Ω	
Breakdown voltage	600 V DC	
Nonstationary states suppression	12 Vsk	
Impedance adjustment	Yes	
Dimension (mm)	84(W) x 28(H) x 21(L)	69(W) x 25(H) x 22(L)
Case	Black ABS	

eng

2. Devices:

NVG-002LIB

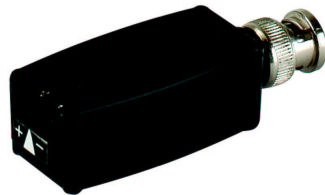
Ground loop isolator with impedance adjustment for video transmission via coaxial cable. BNC male to BNC female connector with 15cm-cables on both sides. This is the passive device which does not require the power supply. It prevents video signal reduction resulting from current loops and eliminates lines appearing in the image. The built-in nonstationary voltage suppressor serves as the surge protection.



eng

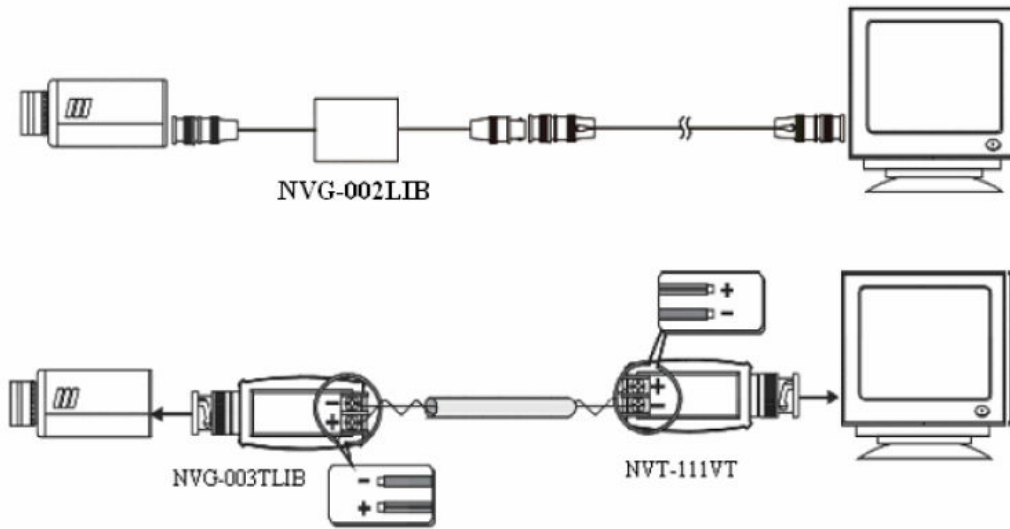
NVG-003TLIB

Ground loop isolator with impedance adjustment for twisted-pair video transmission. BNC male to 2-pin Terminal block connector. This is the passive device which does not require the power supply. It prevents video signal reduction resulting from current loops and eliminates lines appearing in the image. The built-in nonstationary voltage suppressor serves as the surge protection. It features a converter for twisted-pair video transmission (operates together with NVT-111VT). **EXAMPLES OF INSTALLATION:** The devices should be installed after verification of current loops presence. The device should be inserted into the video channel between a camera and the 1st device for video signal processing or displaying.



3. Examples of installation:

The devices should be installed after verification of current loops presence. The device should be inserted into the video channel between a camera and the 1st device for video signal processing or displaying.



eng

NOTES

eng

NOTES

eng

NOTES

eng

NOVUS[®]

NOVUS Security Sp. z o.o.

Pulawska Street 431, 02-801 Warsaw, Poland

phone.: (22) 546 0 700, fax: (22) 546 0 719

www.novuscctv.com