

user's manual
instrukcja obsługi



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NVPT-501VGA

NOVUS[®]

user's manual

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INFORMATION

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.

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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.

WARNINGS AND PRECAUTIONS

ATTENTION!

THE KNOWLEDGE OF THIS USER'S MANUAL IS AN INDESPENSIBLE CONDITION OF A PROPER DEVICE OPERATING. YOU ARE KINDLY REQUESTED TO FAMILIARIZE YOURSELF WITH THIS MANUAL BEFORE STARTING THE DEVICE.



THE MANUAL SHOULD BE KEPT FOR FUTURE USE.

CAUTION!

THE COVER MUSTN'T BE TAKEN OFF. ANY SELF-REPAIRS MUSTN'T BE EXECUTED.

ALL REPAIRS CAN BE EXECUTED ONLY BY QUALIFIED STAFF OF THE AUTHORISED NOVUS SERVICE.

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WARNING !

IN ORDER TO PROTECT YOURSELF AGAINST THE RISK OF FIRE OR ELECTRIC SHOCK YOU NEED TO AVOID PLACING THE DEVICE IN HUMID AND DUSTY PLACES.

INFORMATION

All the data included in this manual are up to date at the moment of printing this manual. Novus Security Sp. z o.o. reserves the right to amend this manual. The producer reserves the right to modify device's parameters and change its design without notice.

SPECIFICATION

1. SPECIFICATION

Model	Transmitter NVPT-501VGA	Receiver NVPT-501VGA
Data input signal	VGA (15-pin D-Sub connector)	RJ-45
Data output signal	RJ-45	VGA (15-pin D-Sub connector)
Support resolution and frequency	Max 1600 x 1200 @ 85 Hz	
Transmission distance	up to 300 m	
Video amplifier bandwidth	150 MHz	
Horizontal frequency range	30 ~ 95 kHz	
Vertical frequency range	50 ~ 180 Hz	
Power supply	5 V DC	
Power consumption	2 W	1.5 W
Operating temperature	0°C ~ 55°C	
Relative humidity	0% ~ 95%	
Dimensions (mm)	43 (W) x 67 (H) x 27 (D)	69 (W) x 25 (H) x 22 (D)
Recommended cable	UTP 5 cat. 0.5 mm ²	

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MAIN CHARACTERISTIC

2. MAIN CHARACTERISTIC

- Transmitter + receiver for transmission VGA signal over UTP cable;
- One VGA loop output for local monitor plus 1 RJ-45 output for remote side;
- Build in contrast and brightness adjustment (receiver);
- Supports up to 1600x1200 @ 85 Hz;
- Long range transmission up to 300 meters;
- Power supply included;

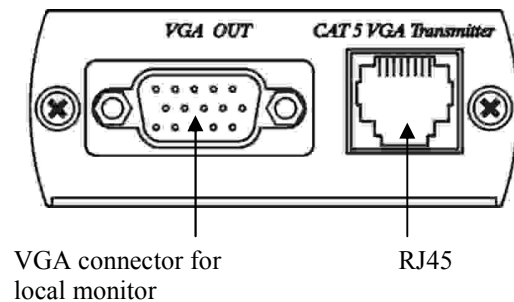
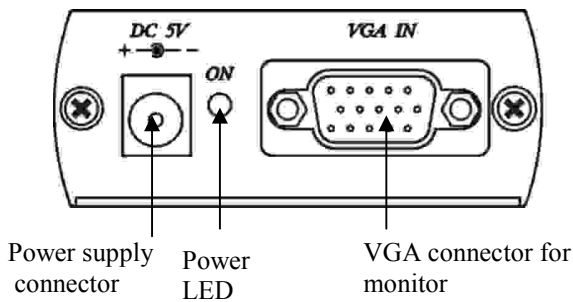


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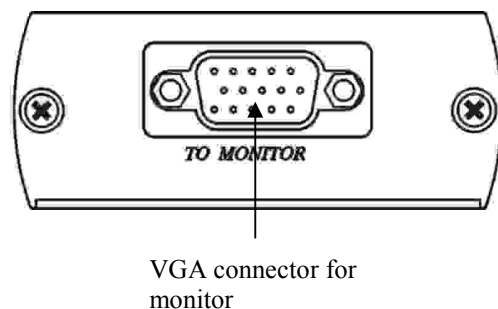
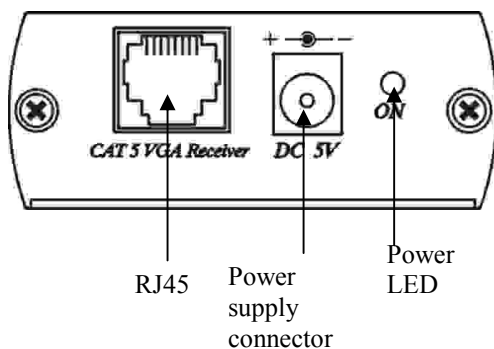
3. INSTALLATION

Panel view:

Transmitter:

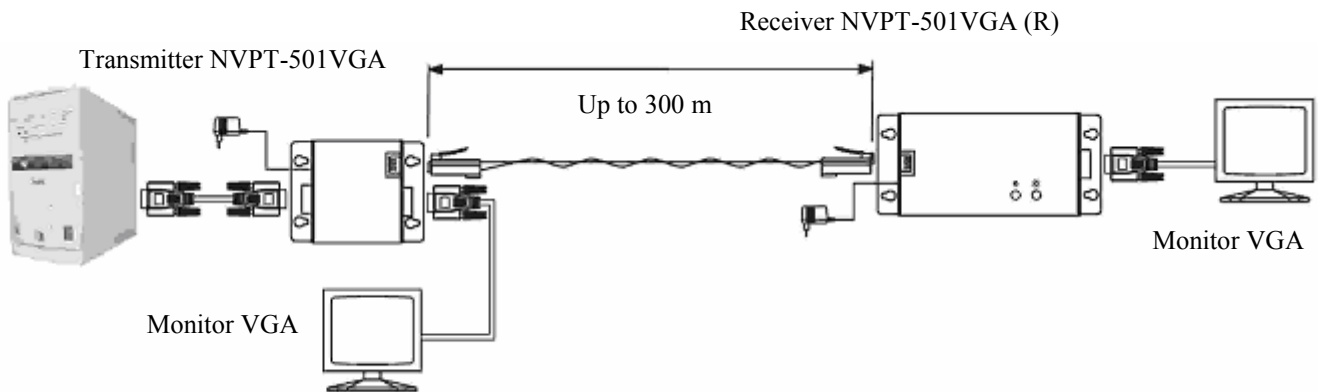


Receiver:



PANEL VIEW

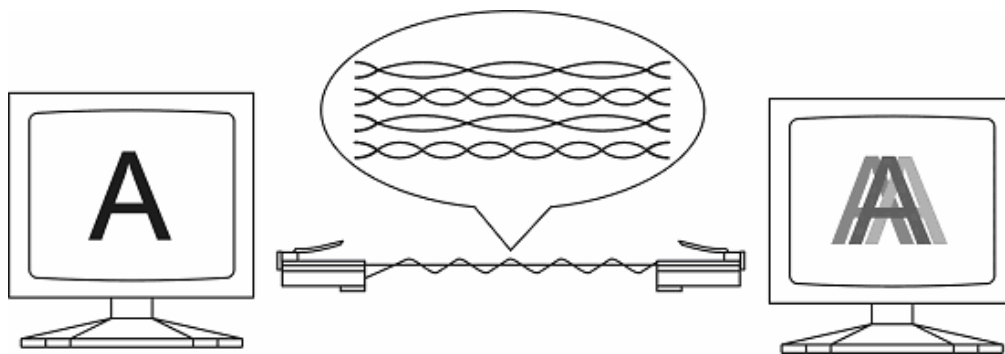
Installation view:



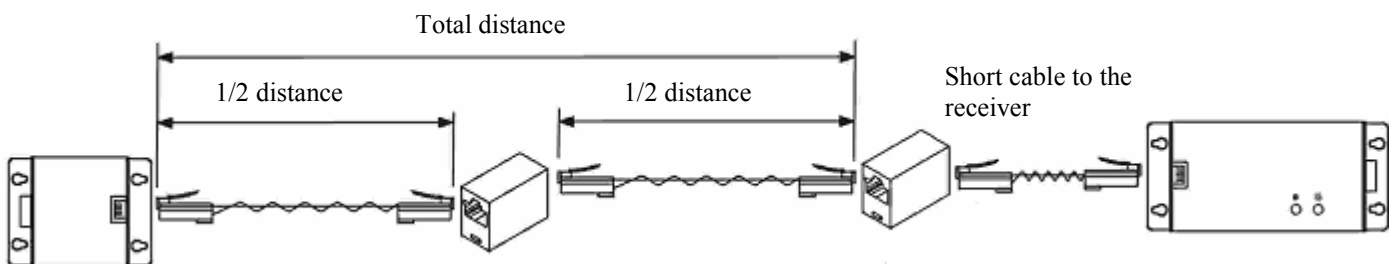
For transmitter and receiver connection straight UTP cables (not crossed over) are required.

Warning:

Various twisting density in each pair of UTP CAT 5 wires results in different signal arrival time in each pair. If there are major differences in the arrival time, image distortions can appear on the monitor separation, or lack of convergence in colors. Normally it happens on long CAT 5 cable runs.



NVPT-501VGA is designed for 300 m distance VGA distribution over cost effective CAT5 UTP cable. Device is equipped with one VGA LOOP output (VGA cable) for local side and RJ45 output (CAT5 UTP cable) at remote side. Receiver has got built in amplifier for long-range VGA signal transmission.



4. NOTES

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