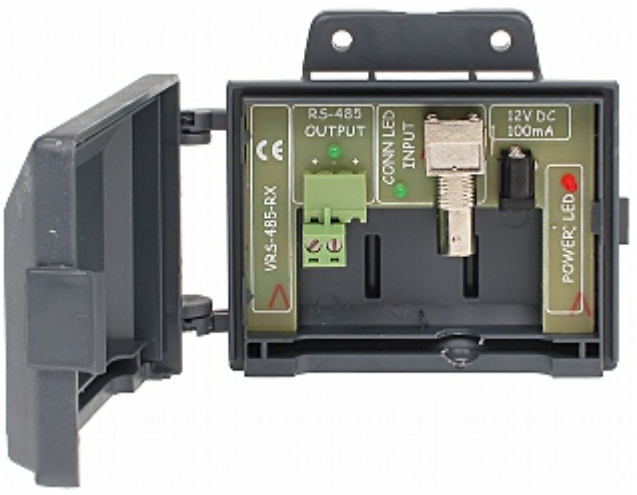
DATA SHEET

Code: VRS-485/RX

RS-485 RECEIVER **VRS-485/RX**

The VRS-485/TX transmitter and VRS-485/RX receiver enable RS-485 data transmission via video analog signal transmission media (eg coaxial cable, wireless video transmission devices and fiber video converters). The devices are perfect solution when there is no possibility of additional wiring, and the RS-485 data must be wireless sent via analog transmitter - receiver set (eg VID-5). In this case the VRS-485/TX transmitter should be connected to the video input of the VID-5 transmitter, and the VRS-485/RX receiver to the video output of the VID-5 receiver.
ATTENTION! There is no possibility to transmit in the same time a video signal and RS-485 data in the same transmission media (eg the same coaxial cable or the same radio channel, etc.).
The VRS-485/TX transmitter with the VRS-485/RX receiver allow to wireless RS-485 data transmission at a distance, which is limited only by the transmission range of the VID series transmitter - receiver sets (up to 2km). In case of shorter distance transmissions of the RS-485 data, up to 100 m, we recommend to use the RS-485RF/TX transmitter and the RS-485RF/RX receiver, which don't require any additional wireless devices. The devices are transparent for the transmission protocol (can be used any protocol), but the transmission speed is limited up to 115 kb/s. Transmission is one-way type. Transmitted signal has no constant component, so in the video transmission path may be used a constant component filter elements such as capacitors and transformers. The overvoltage limiters, optoisolators and video splitters also can be used.



Input:	RF / 75 Ω
Number of inputs:	1 pcs
Output:	RS-485
Number of outputs:	1 pcs
Signal output voltage:	500 mVpp
Connectors:	BNC Cable terminals
Transmission range:	1200 m (RS-485 output) 800 m Coaxial cable
Baud rates:	115 kbps
Power connector:	2.1/5.5 DC
Operation temp:	0 ° ... 50 °
Power supply:	9 ... 12 V DC / 100 mA (power adapter not included)
Weight:	0.09 kg
Dimensions:	118 x 92 x 37
Guarantee:	2 years

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