Code: ORS-8

RS-485 SPLITTER WITH OPTOISOLATION **ORS-8**

Net: 106.66 EUR Gross: 106.66 EUR

The ORS-8 allows to amplify the RS-485 signal from single transmitter (eg: DVR, control keyboard, PC computer) and split them to 8 independent RS-485 busses connected to the receivers (CCTV cameras). Device enables optical isolation among output buses and among output buses and input of the RS-485 signal. The basic application of the ORS-8 is protection of the CCTV system against damage due to any overvoltages existence on devices connected to the RS-485 bus (for example as result of lightning).
Device also allows to split a single RS-485 channel to 8 channels, that makes possible to use the star topology. This allows to connect each camera using the RS-485 cable up to 1200m length. So, the device helps arrange the CCTV system wiring and increases the maximal distances of the RS-485 signal transmission.



SPECIFICATION

Input:	RS-485
Number of inputs:	1 pcs
Output:	RS-485
Number of outputs:	8 pcs
Transmission range:	1200 m / Input 1200 m / Output
Optoisolation:	1000 V RS-485
Communication:	Simplex
Baud rates:	2400 ... 115200 bps
Main features:	• optical isolation between each of the RS-485 outputs • optical isolation between RS-485 outputs and input • increase the maximal distance for RS-485 transmission • enable to use the star topology instead of standard bus topology • protection against lightning discharges and voltage differences and strokes between devices
Power supply:	12 V DC / 0.5 A (power adapter not included)
Weight:	0.28 kg
Dimensions:	213 x 36 x 93 mm
Manufacturer / Brand:	DELTA
Guarantee:	**3 years**

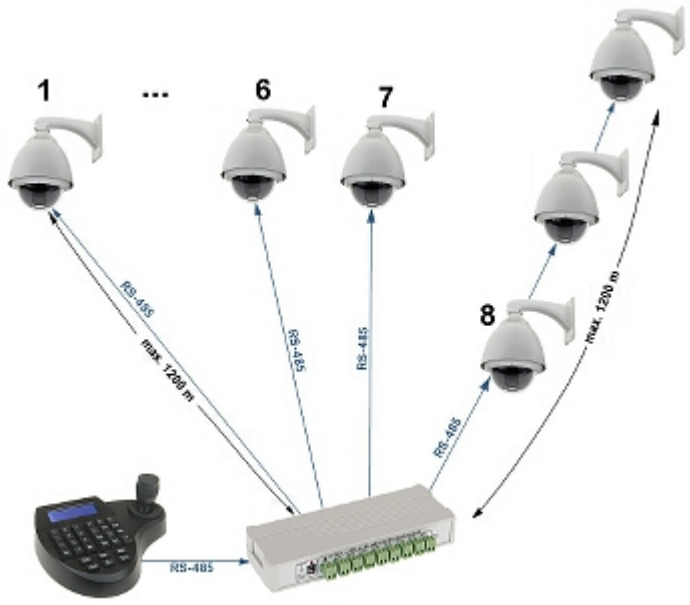
PRESENTATION

Front panel with terminals:



Schematic diagram of star and bus topology:

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PACKAGE

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

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