VideoSwitch VS812T

Video Switch with Text and Time Overlay

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The VideoSwitch is an additional device of the TeleObserver product line. Up to 8 cameras can be attached to the VideoSwitch, and can be alternatively switched in a separate way to a video output. The switching of the cameras takes place by remote control or manually, through a button at the VideoSwitch. One VideoSwitch per video input can be attached to the TeleObserver

This way, using for instance 4 VideoSwitches, it is possible to increase the number of connected cameras to the TeleObserver from 4 to 32.

The VideoSwitch offers also the possibility of displaying in the video image date, time or text (max. 20 characters) during the recording, and to save this information together with the images. All these parameters are available in different variants and can be combined individually.

The VideoSwitch VS812T possesses an adjustable device address as well as two RS232 serial interfaces. One of the interfaces is meant for the remote control of the device, the other can be used, for example, for the cascading (switching together) of up to 16 VideoSwitches.

This feature makes the VideoSwitch very suitable for the enlargement of an existing video surveillance system with minimal expenditure.
The overlay of text, date and time in "Translucent- Mode" (half-transparent text mode) increases the security against manipulation.

The mounting rails integrated in the case allow an easy installation of the device in the place of operation.

Fields of Application

- Extension of the functionality of the TeleObserver, for instance, increasing the number of attachable cameras.

- Extension of existing video surveillance installations or widening their scope with new functions like individual position marking or date and time overlay.

- Installation of a low-cost surveillance facility with 8 cameras and a monitor (plus a control PC, or similar).

- Extension of existing camera installations to achieve a higher security manipulation due to the overlay of camera name, date and time.

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Technical Specifications

Video Input / Output Contact	BNC – 75 Ohm
Input Signal	1Vpp/ CVBS / PAL
Voltage	12V stabilized
Power Supply	100mA
Contact Power	DIN- low voltage socket
Data Transmission (RS232 Pegel)	9600 8N1
Serial Interface (Input)	RS232 DSUB9 Female
Serial Interface (Output for Cascading)	RS232 DSUB9 Male
Size (Length x Width x Height)	105 x139 x 34 mm³ (4.1 x 5.5 x 1.3 in³)
Weight	400 g (14.1 oz)

Environmental Conditions

Temperature:	Operation	0°C to +50°C (32°F to 122°F)
	Storage	0°C to +85°C (32°F to 185°F)
max. Humidity:	Operation	10% to 90% (not condensing)
	Storage	5% to 95% (not condensing)

Application Example

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