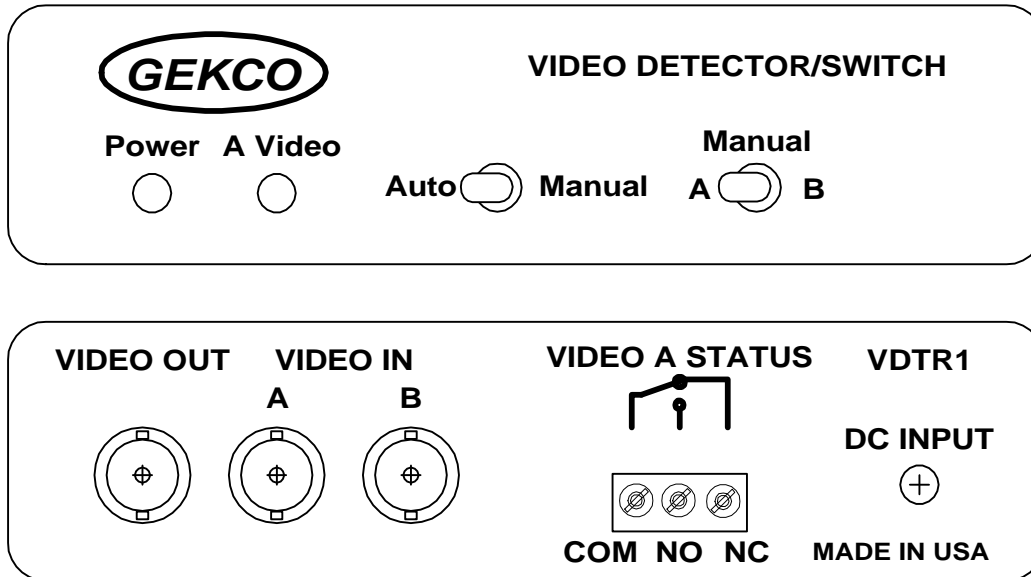


# VIDEO DETECTOR/SWITCH VDTR1



The VDTR1, Video Detector and Switch, will detect the loss of video on the A input and automatically switch to the B input. The video detector is based on digital signal processing of the A input sync signal. If the A input has excessive noise, missing or intermittent for over 100mS the switch will occur. Momentary losses for less than 100mS are ignored. While the B video is selected the A input must be solid for 100mS before the unit will switch back to the A input.

The automatic detection can be inhibited from the front panel and either input can be manually selected.

A status contact closure output is available for remote status from the rear panel with a quick disconnect connector. Both normally closed and normally open contacts are available. The normal state is the A input selected.

Up to 3 units can be rack mounted in a 1 Rack Unit space, 1.5 " high, using the optional rack mount assembly.

## **GEKCO Inc.**

1301 NE HWY 99W #285, McMinnville OR. 97128

TOLL FREE ORDER LINE: (888) 435-7221

VOICE: (503) 472-4770, FAX: (503) 472-4782

EMAIL: [sales@gekco.com](mailto:sales@gekco.com), INTERNET: <http://www.gekco.com>

**Electrical Characteristics****Signal**

Video Input Connector    BNC  
A and B input  
Outputs                      BNC  
Impedance                  75 ohms  
Bandwidth                  DC- 10 MHz+/- 3dB  
Switch Delay                100 mS  
Status                        Normally Closed and  
Open Relay contact  
closures.

**Power**                      9VDC Power  
Transformer

**Ordering Information**

Part No.	Description
VDTR1	Video Detector/Switch

**Physical Characteristics**

Dimensions	mm	in.
Width	106	4.17"
Height	39	1.52"
Depth	127	5.0"
Weight	kg	lbs
Net	0.48	1.06
Shipping	1.5	3.31

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