

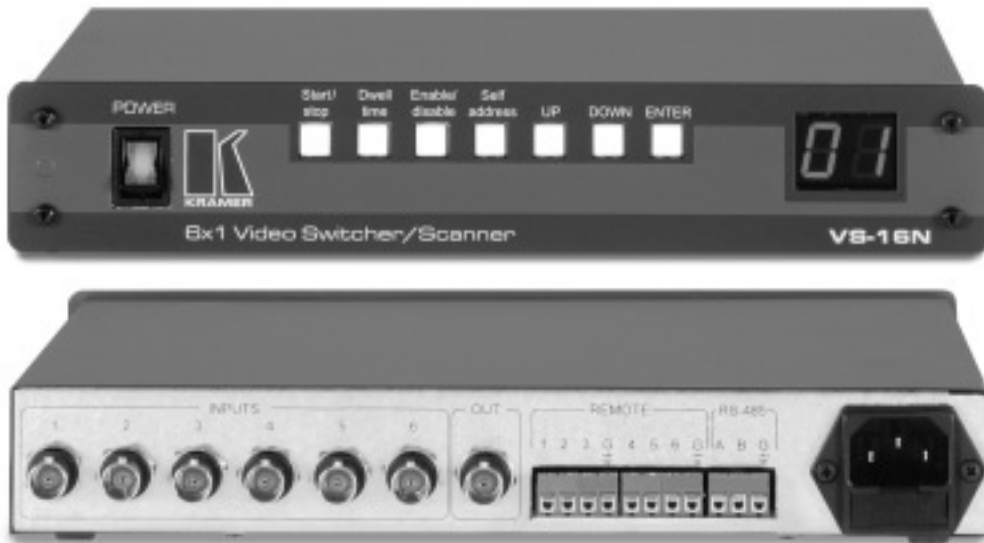


# 6x1 Video Switcher/Scanner

# VS-16N

The Kramer VS-16N is a 6x1 scanning switcher designed for composite video signals using BNC connectors. Inputs can be selected using the front panel in addition to the typical scanning mode. Bandwidth of 40 MHz ensures transparent performance with common video sources such as cameras and VCRs. The VS-16N can be programmed to scan automatically, skipping unused inputs if desired. It can be controlled by

front panel buttons, RS-485, or by simply shorting the relevant pin to ground on the back panel screw terminal connector. It is ideal for many applications in retail stores, studios, showrooms, and in many CCTV and security applications. Up to 15 machines can be cascaded to form larger systems including 12x1, 18x1, etc. The VS-16N connects to other units via RS-485 and output looping.



## TECHNICAL SPECIFICATIONS

<b>INPUTS:</b>	6 composite video 1Vpp / 75 $\Omega$ on BNCs. 6 binding posts for external control.
<b>OUTPUT:</b>	1 composite video, looping, 1Vpp / 75 $\Omega$ on a BNC.
<b>VIDEO BANDWIDTH:</b>	40 MHz. -3 dB.
<b>DIFF. GAIN:</b>	0.9%.
<b>DIFF. PHASE:</b>	0.37 Deg.
<b>K-FACTOR:</b>	<0.05%.
<b>VIDEO S/N RATIO:</b>	72 dB.
<b>VIDEO CROSSTALK:</b>	<- 50dB.
<b>CONTROL:</b>	Automatic, manual, RS-485, and contact closure.
<b>SWITCHING:</b>	During vertical interval (derived from source no. 1).
<b>DIMENSIONS:</b>	24.5cm x 18cm x 4.5cm (9.6" x 7" x 1.7"), W, D, H.
<b>POWER SOURCE:</b>	230 VAC, 50 / 60 Hz, (115 VAC, U.S.A.) 3 VA.
<b>WEIGHT:</b>	1.5 kg. (3.3 lbs.) approx.
<b>ACCESSORIES:</b>	Power cord.
<b>OPTIONS:</b>	19" rack adapter RK-MEDN (see page 6.23 for details).

## TYPICAL APPLICATIONS

- Video control and production studios.
- CCTV and security applications.
- Retail stores and quality assurance systems.