KRAMER

VS-1616V
16x16 Composite Video Matrix Switcher (230MHz)

CV | SYNC | RS-232 | RS-485 | REMOTE | INFRA RED

The VS-1616V is a high-performance matrix switcher for composite video signals. It can also be configured as an 8x8 s-Video (Y/C) switcher, a 5x5 component (YUV) switcher, or a 4x4 RGBS switcher.

FEATURES

- **Bandwidth** - 230MHz (−3dB) fully loaded.
- **Multi-Mode Operation** - Configure as either a 16x16 composite, an 8x8 s−Video (Y/C), a 5x5 component (YUV), or a 4x4 RGBS switcher.
- **Looping Inputs and Sync.**
- **Selectable Input and Sync Signal Termination.**
- **Control** - Front panel, RS−232 (K−Router™ Windows®−based Kramer software is included), RS−485, contact closure, & IR remote (included).
- **Take Button** - Executes multiple switches all at once.
- **Memory Locations** - Stores multiple switches as presets to be recalled and executed when needed.
- **Standard 19" Rack Mount Size** - 2U.

TECHNICAL SPECIFICATIONS

INPUTS:	16 composite video, or 8 s−Video (Y/C), or 4 RGBS, or 5 YUV, 1Vpp/75Ω, on BNC connectors.
OUTPUTS:	16 composite video, or 8 s−Video (Y/C), or 4 RGBS, or 5 YUV, 1Vpp/75Ω, on BNC connectors.
VIDEO BANDWIDTH (-3dB):	230MHz.
NON-LINEARITY:	<0.05%.
DIFF. GAIN:	0.01%.
DIFF. PHASE:	0.01Deg.
K-FACTOR:	<0.05%.
S/N RATIO:	70.2dB.
VIDEO CROSSTALK:	<−52dB @5MHz.
SWITCHING:	Vertical interval.
CONTROL:	38 front panel buttons, RS−232, RS−485, IR remote, contact closure keyboard extension.
INDICATORS:	2 multiple−character front panel displays.
POWER CONSUMPTION:	230V AC, 50/60Hz, (115V AC, USA) 10VA.
DIMENSIONS:	19" x 7" x 2U W, D, H, rack mountable.
WEIGHT:	3.5kg (7.8lbs) approx.
INCLUDED ACCESSORIES:	Power cord, null−modem adapter, Windows®−based Kramer control software.