



## VS-81HDxI

8x1:2 3G HD-SDI Switcher



The **VS-81HDxI** is a high-performance switcher for 3G HD-SDI video signals. The unit switches any one of the eight inputs to two identical outputs.

### FEATURES

- Max. Data Rate - 3Gbps.
- HDTV Compatible.
- Multi-Standard Operation - SDI (SMPTE 259M/344M), HD-SDI (SMPTE 292M) & 3G HD-SDI (SMPTE 424M).
- Kramer Equalization & re-Klocking™ Technology - Rebuilds the digital signal to travel longer distances.
- Active Input Type™ Reporting - The unit lights the selected input LED in green for SD-SDI and in blue when the signal is HD-SDI.
- Analog Sync Type - Bi-level and tri-level sync.
- OFF Button - Disconnects all inputs at once.
- Flexible Control Options - Front panel, RS-232 (K-Router™ Windows®-based software is included), RS-485, Ethernet, contact closure & IR remote (included).
- Vertical Interval Switching - SMPTE RP-168.
- Front Panel Control Lockout.
- Worldwide Power Supply - 100-240V AC.
- Standard 19" Rack Mount Size - 1U. Rack "ears" included.



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### TECHNICAL SPECIFICATIONS

INPUTS:	8 SD/HD/3G HD-SDI, 75Ω on BNC connectors; 1 genlock with loop, 75Ω/Hi-Z on BNC connectors, bi-level, tri-level inputs.
OUTPUTS:	2 SD/HD/3G HD-SDI identical, equalized and reclocked, 75Ω on BNC connectors.
MAX. OUTPUT LEVEL:	800mVpp/75Ω.
JITTER:	Better than 0.2UI.
DATA RATE:	Up to 2.97Gbps.
CONTROLS:	Front panel, RS-232; RS 485, Ethernet, infrared remote, contact closure and panel lock.
POWER CONSUMPTION:	Universal, 100-240V AC, 50/60Hz 22VA.
DIMENSIONS:	19" x 7" x 1U W, D, H, rack mountable.
WEIGHT:	1.5kg (3.3lbs) approx.
INCLUDED ACCESSORIES:	Power cord, null-modem adapter, rack "ears".
OPTIONS:	External remote IR receiver cable.

