



## VS-81HD

8x1:2 HD-SDI Switcher



The VS-81HD is a high-performance switcher for HD-SDI video signals. It switches any one of 8 signals to two identical outputs.

### FEATURES

- Max. Data Rate - 1.485Gbps.
- HDTV Compatible.
- Multi-Standard Operation - SDI (SMPTE 259M/344M) & HD-SDI (SMPTE 292M).
- Kramer Equalization & re-Klocking™ Technology - Rebuilds the digital signal to travel longer distances.
- Flexible Control Options - Front panel, RS-232 (K-Router™ Windows®-based software is included), RS-485, contact closure, IR remote (included) & remote IR receiver (optional).
- Active Input Indication™ Reporting - Each input button on the front panel automatically lights up when the unit detects a video signal on that input. Green indicates a standard definition (SDI) input signal and blue indicates a high definition (HD-SDI) input signal.
- Analog Sync Type - Bi-level, tri-level.
- Selectable Sync Signal Termination.
- Front Panel Control Lockout.
- Vertical Interval Switching - SMPTE RP-168.
- Output Disconnect.
- Worldwide Power Supply - 100-240V AC.
- Standard 19" Rack Mount Size - 1U. Rack "ears" included.



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### TECHNICAL SPECIFICATIONS

INPUT:	8 SDI SMPTE-259M, 292M, 344M serial video, 75Ω on BNC connectors; 1 GENLOCK 75Ω/Hi-Z on looping BNC connectors, bi-level, tri-level sync.
OUTPUT:	2 identical equalized and reclocked SMPTE-259M, 292M, 344M outputs 75Ω on BNC connectors; 1 GENLOCK 75Ω/Hi-Z loop on BNC connectors.
DATA RATE:	Up to 1.485Gbps.
MAX. OUTPUT LEVEL:	800mVpp/75Ω
JITTER:	Better than 0.2UI.
CONTROLS:	Front-panel, RS-232; RS-485, ETHERNET, infrared remote, dry contact, 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.

