

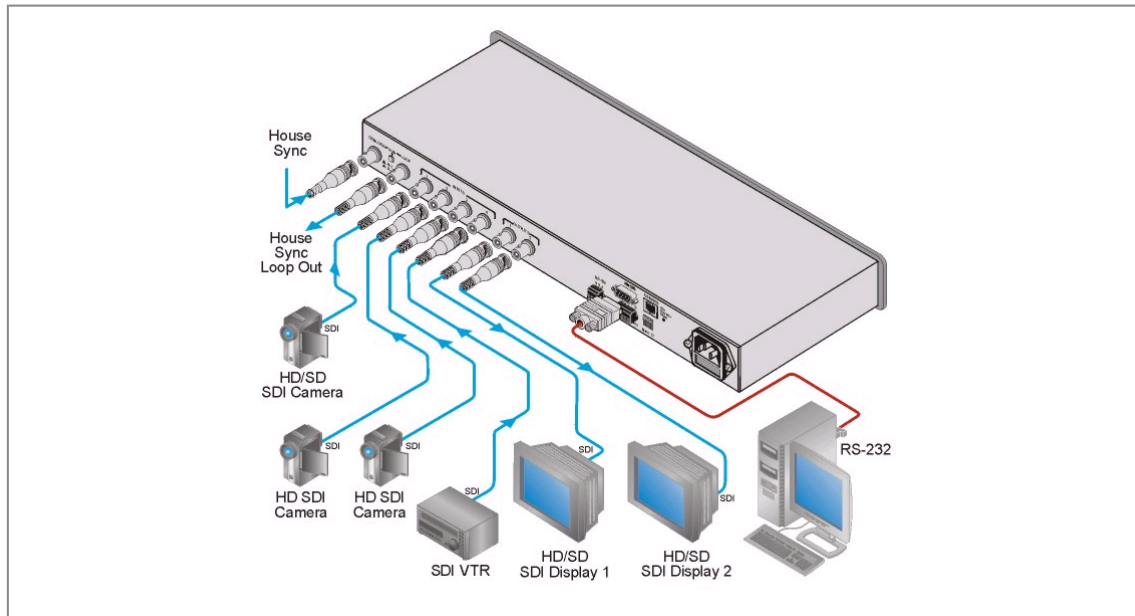


VS-41HD

4x1:2 HD-SDI & SDI Digital Video Switcher



The **VS-41HD** is a high performance switcher for SDI (SMPTE 259M and SMPTE 344M) and HD-SDI (SMPTE 292M) digital video signals that enables the distribution of the four inputs to two identical outputs.





VS-41HD

FEATURES

- **Maximum Data Rate** - 1.485 Gbps.
- **HDTV Compatible.**
- **Reclocking & Equalization** - Automatic.
- **Flexible Control Options** - Front Panel, RS-232 (K-Router™ Windows-based software is included), RS-485, Ethernet, contract closure & IR Remote (included).
- **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.
- **Input and output signals on BNC connectors**
- **Looping Analog Sync Input.**
- **Selectable Sync Signal Termination.**
- **Front Panel Control Lockout.**
- **Vertical Interval Switching - SMPTE RP-168.**
- **Output Disconnect.**
- **Worldwide Power - 100-240VAC.**
- **Standard 19" Rack Mount Size** - 1U. Rack "ears" included.

TECHNICAL SPECIFICATIONS

INPUT:	4 SDI SMPTE-259M, 292M, 344M serial video, 75 ohms on BNC connectors 1 GENLOCK 75 / Hi-Z on looping BNC connectors, bi level, Tri level inputs
OUTPUTS:	2 identical equalized and reclocked SMPTE-259M, 292M, 344M outputs 75 ohms on BNC connectors
DATA RATE:	Up to 1.485Gbps
MAX. OUTPUT LEVEL:	800mVpp /75 ohms
JITTER:	Better than 0.2UI
CONTROLS:	Front-panel, RS-232; RS-485, ETHERNET, infra-red remote, dry contact, and panel lock
POWER SOURCE:	Universal, 100-240VAC, 50/60Hz 22VA
DIMENSIONS:	19 inch (W), 7 inch (D), 1U (H) rack mountable
WEIGHT:	1.5kg. (3.3lbs.) approx.
ACCESSORIES:	Power cord, Null-modem Adapter