

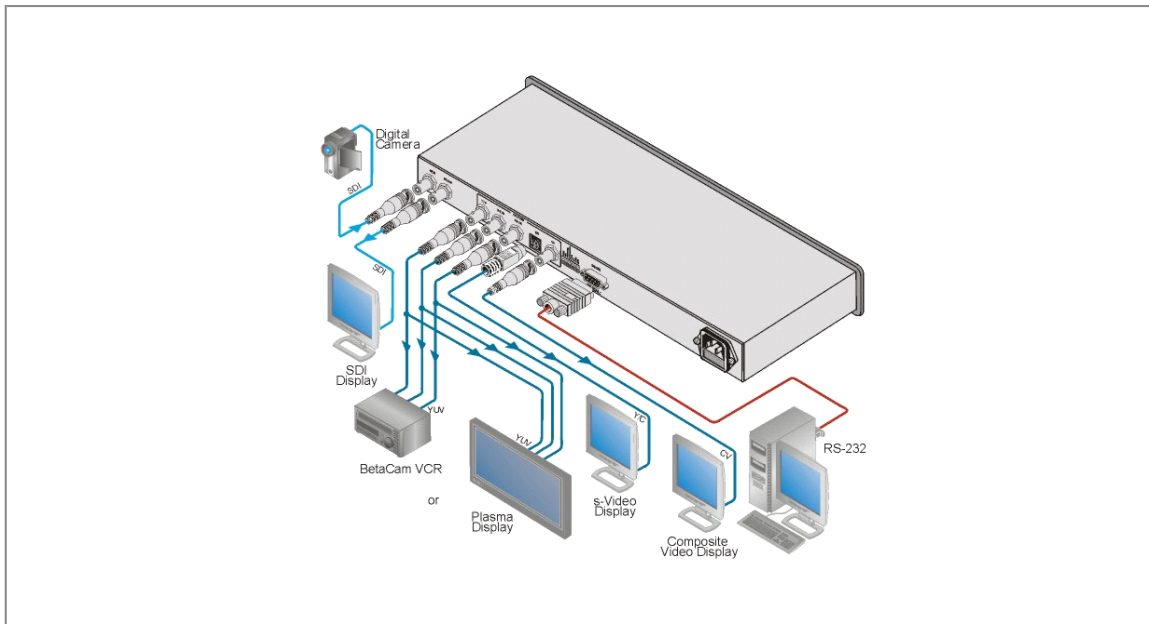


FC-7402

SDI to Multi-Format Analog Video Format Converter & Processor



The **FC-7402** is a format converter for SDI (SMPTE 259M) signals. It converts an SDI video signal to composite video, s-Video (Y/C), and RGB/component (RgB or YUV) video.





FC-7402

FEATURES

- **Bandwidth** - 5.7MHz (-3dB).
- **Multi-Standard** - PAL (B/D/G/H/I/Combination-N), SECAM, NTSC (3.58/4.43).
- **NTSC Decoding Options** - With or without 7.5IRE setup (pedestal).
- **ProcAmp Control** - Brightness, contrast color (saturation), sharpness, and hue (NTSC Only).
- **Color Space** - RGB & YUV (selectable).
- **Control** - Front panel and RS-232 (Windows®-based software is included).
- **Resolution** - 10 bit.
- **Non-volatile Memory.**
- **Color Bar Generator** - Built-in color bar generator with timing referenced to SDI Input.
- **Looping Input** - Reclocked and equalized.
- **Front Panel Lockout.**
- **Standard 19" Rack Mount Size** - 1U.

TECHNICAL SPECIFICATIONS

INPUT:	1 SDI: SMPTE 259M, ITU-R BT.601 (CCIR-601), 75Ω on a BNC connector.
OUTPUTS:	1 composite video: 1Vpp/75Ω on a BNC connector; 1 YC: 1Vpp/75Ω (luma), 0.3Vpp/75Ω (chroma) on a 4-pin connector; 1 component: RGB/Y, R-Y, B-Y (1V, 0.7V, 0.7V/75Ω) on BNC connectors; 1 SDI (reclocked): SMPTE 259M, ITU-R BT.601 (CCIR-601) 75Ω on a BNC connector.
RESOLUTION:	10-bit.
BANDWIDTH (-3dB):	5.7MHz.
NON-LINEARITY:	+/-1.0%.
DIFF. GAIN:	0.11% (NTSC).
DIFF. PHASE:	0.33Deg (NTSC).
K-FACTOR:	0.3%.
S/N RATIO:	67dB unweighted.
YC DELAY:	<20ns.
EQUALIZATION:	>125m for Belden 8281 cable.
CONTROL:	RS-232 and front panel: brightness, contrast, color (saturation and separate U, V), hue, and sharpness; front panel lock.
POWER SOURCE:	230V AC, 50/60Hz, (115V AC, USA) 13.8VA.
DIMENSIONS:	19" x 7" x 1U W, D, H, rack mountable.
WEIGHT:	2.6kg (5.7lbs) approx.
ACCESSORIES:	Power cord.