



7408

SDI to Multi-Format Analog Video Format Converter & Processor



The **7408** is a format converter for SDI (SMPTE 259M) signals. It converts an SDI video signal to composite video and s-Video (Y/C), or component (YUV) video.

FEATURES

- Bandwidth - 5.7MHz (-3dB).
- Multi-Standard - PAL (B/D/G/H/I/N) & 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) via RS-232.
- Non-Volatile Memory.
- Control - Front panel and RS-232 (Windows®-based software is included).
- Resolution - 10-bit.
- Looping Input - Reclocked and equalized.
- Compact DigiTOOLS® - 3 units can be rack mounted side-by-side in a 1U rack space with the optional RK-3T rack adapter.



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TECHNICAL SPECIFICATIONS

- INPUT: 1 SDI on a BNC connector.
- OUTPUTS: 1 SDI reclocked on a BNC connector; 1 composite video, 1Vpp/75Ω on a BNC connector; 1 s-Video, 1Vpp, 0.3Vpp/75Ω on two BNC connectors; 1 component video (Y, U and V) on BNC connectors.
- BANDWIDTH (-3dB): 5.7MHz.
- DIFF. GAIN: <1%.
- DIFF. PHASE: <1Deg.
- K-FACTOR: 0.5%.
- S/N RATIO: >70dB (flat field).
- DIGITAL RESOLUTION: 10 bit.
- LUMA NON-LINEARITY: 0.9%.
- CHROMA/LUMA DELAY: <15nsec.
- POWER CONSUMPTION: 12V DC, 320mA.
- DIMENSIONS: 12cm x 7.5cm x 2.5cm (4.7" x 2.95" x 0.98") W, D, H.
- WEIGHT: 0.3kg (0.66lbs).
- INCLUDED ACCESSORIES: Power supply, null-modem adapter.
- OPTIONS: RK-3T 19" rack adapter.

