



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.

TECHNICAL SPECIFICATIONS

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|-----------------------|--|
| 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. |
| INCLUDED ACCESSORIES: | Power supply, null-modem adapter. |
| OPTIONS: | RK-3T 19" rack adapter. |
| PRODUCT DIMENSIONS: | 12.00cm x 7.15cm x 2.44cm (4.72" x 2.81" x 0.96") W, D, H |
| PRODUCT WEIGHT: | 0.0kg (0.0lbs) approx. |
| SHIPPING DIMENSIONS: | 23.20cm x 12.00cm x 8.90cm (9.13" x 4.72" x 3.50") W, D, H |
| SHIPPING WEIGHT: | 0.6kg (1.4lbs) approx. |

