

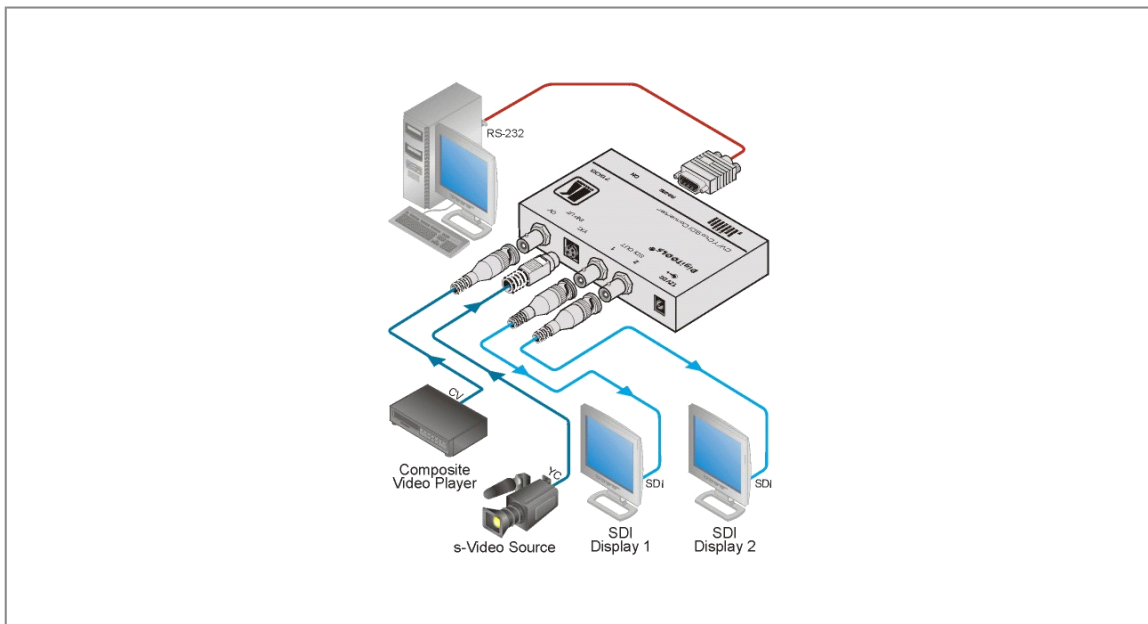


7508

Multi-Standard Composite Video & s-Video to SDI Format Converter



The **7508** is a multi-format converter for composite video or s-Video (Y/C) signals. It converts either PAL, SECAM, and NTSC composite or s-Video (Y/C) signals into two SDI video (SMPTE 259M) outputs simultaneously.





7508

FEATURES

- Bandwidth - 5MHz (-0.2dB).
- Dual SDI Outputs.
- Multi-Standard - PAL(M/N), SECAM, NTSC (3.58/4/43).
- NTSC Decoding Options - With or without 7.5 IRE setup (pedestal).
- Non-Volatile Memory.
- Resolution - 10-bit digital processing.
- Control - RS-232 (Windows®-based software is included).
- ProcAmp Control - Brightness, contrast color (saturation) and hue (NTSC Only) via RS-232.
- 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

| | |
|------------------------|---|
| INPUT: | 1 composite video, 1Vpp/75Ω on a BNC connector; 1 s-Video, 1Vpp, 0.3Vpp/75Ω on a 4-pin connector. |
| OUTPUT: | 2 SDI SMPTE-259M, ITU-R BT.601 on BNC connectors. |
| DIGITAL RESOLUTION: | 10 bits. |
| BANDWIDTH: | 5MHz (-0.2dB). |
| SIGNAL TO NOISE RATIO: | 57dB. |
| K-FACTOR: | <0.2%. |
| DIFFERENTIAL PHASE: | 1Deg. |
| DIFFERENTIAL GAIN: | 1%. |
| LUMA NON-LINEARITY: | 1%. |
| CHROMA/LUMA DELAY: | <15ns. |
| CONTROL: | Brightness, contrast, hue, saturation, sharpness via RS-232. |
| POWER SOURCE: | 12V DC, 210mA. |
| DIMENSIONS: | 12cm x 7.5cm x 2.5cm (4.7" x 2.95" x 0.98") W, D, H. |
| WEIGHT: | 0.3kg (0.66lbs) approx. |
| ACCESSORIES: | Power supply, mounting bracket. |
| OPTIONS: | RK-3T 19" rack adapter. |