



## 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

### 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 - 10bit digital processing

Control - RS232 (Windows® based software is included)

ProcAmp Control - Brightness, contrast color (saturation) and hue (NTSC Only) via RS232

Compact DigiTOOLS® - 3 units can be rack mounted sidebyside in a 1U rack space with the optional RK3T rack adapter



## TECHNICAL SPECIFICATIONS

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INPUTS:	1 composite video, 1Vpp/75 on a BNC connector; 1 sVideo, 1Vpp, 0.3Vpp/75 on a 4pin connector
OUTPUTS:	2 SDI SMPTE259M, ITUR 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
PRODUCT DIMENSION:	12.00cm x 7.15cm x 2.44cm (4.72" x 2.81" x 0.96" ) W, D, H
PRODUCT WEIGHT:	0.2kg (0.4lbs) approx
SHIPPING DIMENSION:	23.20cm x 12.00cm x 8.90cm (9.13" x 4.72" x 3.50" ) W, D, H
SHIPPING WEIGHT:	0.6kg (1.3lbs) approx
CONTROL:	Brightness, contrast, hue, saturation, sharpness via RS232
POWER CONSUMPTION:	12V DC, 210mA
INCLUDED ACCESSORIES:	Power supply, mounting bracket
OPTIONS:	RK3T 19" rack adapter

