

Xintekvideo INC.

ANALOG TO SDI CONVERTER MODEL SDI-3



DESCRIPTION:

Xintekvideo's Analog to SDI Converter Model SDI-3 is the ideal bridge between analog color video signals and SDI.

The Model SDI-3 accepts an NTSC or PAL composite analog video signal and it outputs a serial digital video at 270 Mbs.

The Model SDI-3 is highly shielded to prevent EMI problems common with other converters. It comes in a small tightly sealed box (about 5" x 2.5" x 1.25") which can be dropped anywhere in your plant without the danger of radiation and interference to other equipment.

The Model SDI-3 is a high performance and yet such low priced converter that it becomes cost effective to use a dedicated unit for each analog video feed in the digital plant.

SPECIFICATIONS:

INPUT: Analog Composite video signal 1v pp into 75 Ohms.

OUTPUTS: 2 serial digital video outputs at 270 Mbs.
Impedance: 75 Ohms

FREQUENCY RESPONSE OF ANALOG VIDEO:
 ± 1 dB to 6.5 MHz

QUANTIZING ACCURACY: 10-bit

NON LINEARITY: <2%

DIFFERENTIAL PHASE: <2°

DIFFERENTIAL GAIN: <2%

K FACTOR WITH 2T PULSE: Better than 1%

POWER REQUIREMENT: 6-9V dc, 450ma

Power Requirements of Power Supply Shipped with the SDI-3 : 120 VAC, 60 Hz, 6 Watts

OPERATING TEMPERATURE: 32° F to 110° F, Ambient

HUMIDITY: 10% to 90% non-condensing

MECHANICAL: Metal box 5" x 2.5" x 1.25". Plus separate plug-in power supply.

Specifications subject to change without notice. 4/2004

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