

Features

HD / SD-SDI Switch

Up to 8 Equalised & re-timing SDI inputs*

Dual Color LED indication of HD / SD SDI output of the


Automatic detection of the SDI input

Synchronizes input / output (switch after vertical sync)

Low-cost 8x2 HD / SD (Dual Rate) switch with dual outputs

Provides the Equalised and reclocked * transmission path up to 300m (1000ft) at SD-SDI or 150m (500ft) at HD-SDI

Multiple control by RS-232, IR remote, and push button

Supports: [HD] 720p50 / 59.94 / 60, 1035i50 / 59.94 / 60, 1080i50 / 59.94 / 60, 1080p24 / 30 [SD] NTSC @ 59.94Hz, PAL @ 50Hz  Cable equalization [HD-SDI] up to 150m (500ft) / [SD-SDI] up to 300m (1000ft)

ANY 8 HD/SDI SOURCES

HD-SDI



CONTROL



8 X HD/SD INPUTS



2 X IDENTICAL HD/SD-SDI OUTPUTS

Product Specifications	
<i>* All Specifications Subject to Change Without Notice</i>	
INPUT	8 HD / SD-SDI's (8BNC's)
OUTPUT	2 HD / SD-SDI's (8BNC's)
Supported Resolutions	[HD] 720p50 / 59.94 / 60, 1035i50 / 59.94 / 60, 1080i50 / 59.94 / 60, 1080p24 / 30 [SD] NTSC @59.94Hz, PAL @ 50Hz
Supported protocols	SMPTE 259M / SMPTE 292m
Video bandwidth	Single-Link [1.485Gpbs & 1.485 / 1.001Gpbs]
Date rates	143/270/1483/1485 Mbps
Cable equalization	[HD-SDI] up to 150m (500ft) / [SD-SDI] up to 300m (1000ft)
Output impedance	75 OHM
SDI standards	SD-SDI & HD-SDI
SD-SDI & HD-SDI	YES
Control	RS-232, IR remote, and push button
Output	2 Identical (BNC's)
Eye pattern characteristics	Amplitude: Within 800mV \pm 3% (<10%) Rise overshoot: Less than 2% (<10%) Fall overshoot: Less than 2% (<10%) Long time jitter: 0.195 μ (<1.0 μ) Timing jitter: 0.195 μ (<1.0 μ) Alignment Jitter: 0.127 μ (<0.2 μ)
Power Input	DC 5V ~ 10
Dimensions	7.4 "x4.9" X1.7 Inches
Weight	2 Pounds
Operating Temperature	32-110 F

