

COMPUVIDEO®

3G HD/SD-SDI Multiformat Generator and Analog A/V, CV-9280SDI-AN



Compuvideo CV-9280SDI-AN is Precision Digital Multiformat HD-SDI / SD-SDI and Analog Generator, featuring user friendly direct function smart panel control.

Unit can be used in Rack Mount, Desktop or Handheld configuration, powered by the AC/DC Universal Power Adapter with 12-Volt DC Output or internal 9-Volt battery.

Unit provides Broadcast High Quality 2-HD/SD-SDI Matched Low Jitter Outputs with Test Pattern Color Bar Generator and/or Flat-Field Black as Master Sync Black Reference Generator to Genlock HD-SDI and SD-SDI Systems.

Additionally unit provides Broadcast High Quality Analog Test Patterns: SMPTE Bars, Full Field Bars, Grayscale, Black Reference, Red, Green, Blue, White, Center, Cross, Dots) with analog outputs: Composite, Y/C, Y, Cb, Cr, (R-Y, B-Y), RGB and XLR Balanced Audio.

Unit can work 24/7 under extreme conditions - generating very low heat assuring non-stop operation and protected by all metal enclosure from magnetic and electrical interference.

Unit is built to survive most of the accidents with minimum damage, if any – due to separately and strategically positioned front panel, as well as main electronic board and connectors.

CV-9280SDI-AN Specifications: HD-SDI and SD-SDI (NTSC and PAL)

HDTV SMPTE 260M, 274M, 292M, 295M, 296M and SDTV SMPTE 125M, SMPTE 259M-C, 267M, 270 Mbps, 360 Mbps, 540 Mbps, 1.4835Gbps and 1.485 Gbps, NTSC and PAL. **720**/59.94p, 60p. **1080**/23.98p, 24p, 25i, 25p, 29.97p, 30p, 30i, 50i, 59.94i, 60i. **525** / 59.94i (NTSC). **625**/50i (PAL)

CV-9280SDI-AN Specifications: Analog (Available in NTSC or PAL)

	<u>NTSC</u>	<u>PAL</u>
3-Composite Video:	1V p-p into 75 Ohms	1V p-p into 75 Ohms
4-Black Reference:	Outputs into 75 Ohms	Outputs into 75 Ohms
1-Analog Y:	1V p-p into 75 Ohms	1V p-p into 75 Ohms
1-Component Cr (R - Y):	700 mv p-p into 75 Ohms	700 mv p-p into 75 Ohms
1-Component Cb (B - Y):	700 mv p-p into 75 Ohms	700 mv p-p into 75 Ohms
1-Y/C (Luma):	1.0V p-p into 75 Ohms	1.0V p-p into 75 Ohms
1-Y/C (Chroma):	0.286V p-p into 75 Ohms	0.286V p-p into 75 Ohms
1-R.G.B	700 mv p-p into 75 Ohms	700 mv p-p into 75 Ohms
1-Composite Sync:	1V into 75 Ohms	1V into 75 Ohms
1- Mono Audio Out:	1 KHz , 1V p-p into 1K	1 KHz , 1V p-p into 1K
2-CH Stereo Audio	XLR Balanced	XLR Balanced
Scanning Lines:	525, 2:1 Interlace	625, 2:1 Interlace
Horizontal Frequency:	15,734 KHz	15,625 KHz
Vertical Field Frequency:	59.94 Hz	50 Hz
Color Subcarrier Frequency:	3.579545 MHz ±10	4.43361875 MHz ±10
Compliance:	RS 170A	P. A. L.
Weight:	2.5 lbs.	2.5 lbs.
Dimensions without Rack Mount:	1.730(H) x 10 (W) x 6.5 (D)	1.730(H) x 10 (W) x 6.5 (D)
AC Power Universal:	100-240V 50/60 Hz	100-240V 50/60 Hz
Included with the Unit:	SDI Cable, 19" Rack Mount AC Power Supply, 9-Volt Batt	SDI Cable, 19" Rack Mount AC Power Supply, 9-Volt Batt