

# SC-2056 Digital Scan Converter .....

**NEW**

**We are proud to offer a clear conversion image that exhibits a great deal less digital power deterioration with this unit.**

SC-2056 is a digital scanning converter capable of converting HD-SDI digital signals that range from VGA(640x480) to SXGA.(1280x1024),HDTV double speed and analog RGB signals.ASTRODESIGN's original "TERA"(Technology Radionics)technology is utilized for image conversion. Succeeded in obtaining top image conversion by adopting the HD-SDI signal that complies with each SMPTE format for input and produces output for digital DVI(and analog RGB)in order to reduce AD DA input/output conversion losses. This model is the optimal scanning converter for displaying HDTV made in a DVI-supporting projector or monitor and many other similar applications.



## · Features

- Full digital conversion - digital input and digital output
- "TERA"scanning conversion technology,dramatically improved image quality
- Wide variety of image adjustments.
- Equipped with various test patterns to facilitate adjustment.
- Synchronized operation with external equipment is possible by inputting an outside reference.
- ✕Cross hatch,monochrome 1-dot,100% color ,bar ,circle ,linear ,lanm ,frame circle + cross hatch + frame ,and white raster.

## Specifications

input signals	HD-SDI	SMPTE292M(BNC connector)1-channel With monitor output)
	image processing data	8bit(lower 2bit round-down)
Supporting format	SMPTE240M	1920×1035(60i/59.94i
	SMPTE274M	1920×1080(60i/59.94i:50i:30p/29.97p:24p-23.98p:24sF/23.98sF:25p
	SMPTE296M	1280×720 (60p/59.94p:30p/29.97p:24p/23.98p:50p:25p
outside reference	Synchronized signal	HS/VS,CS(connector is common use with HS:BNC connector 1-channel)
	Synchronized level	0.3Vp-p to 4.0Vp-p 75Ω terminal,Positive negative polarity TTL level positive negative polarity.
output signal	Operation method	Only CS HDTV supports three-level Sync signals
	Horizontal frequencies	interlace / progressive
	Vertical frequencies	15 to 125KHz
	Dot clock	24 to 100Hz(differs by resolution of input and output)
	Maximum display pixel	25 to 162MHz(however,recommending up to 150MHz)
Video signal	Digital	1920×1280
	Analog	DVI R1.0 conformed(DVI-I connector 1-channel:digital signal only)

Synchronized signal	HS/VS	RGB(BNC connector 1-channel)
Various functions	images adjustment function	TTL level high impedance, positive / negative pole (BNC connector 1-channel)
	test pattern	Color, brightness, contrast, gamma, enhancement, HUE, flicker
	Reference lock	Crosshatch, Monochrome 1-dot. Color bar, Circle linear scan (H direction), Frame, Circle + crosshatch + frame.
	4:2:Two→4:4:Four conversion	H/V phase adjustment
Digital output	DDC	Simple repetition
	DVI hot plug detection	Not-supported
Control system		Search / non-search switching
		RS-232C (Sub miniature D 9-pin male 1-channel)
		Dedicated serial bus (BNC 1-channels with loop through)
General specification	Power Voltage	Remote control box (optional)
	Power consumption	AC 100 to 120, 200 to 240V (50/60Hz)
	Operating temperature range	5 ~ 40°C (no condensation)
	Operating humidity range	30 ~ 80%RH (no condensation)
	Outside Dimension	430(W)×44(H)×510(D)mm (17×1.7×20 in approx.) (excluding tangs)
	Weight	7Kg (approx)