

SC-2045B(analog input)/W(digital input)

HD Scan Converter(supporting simple window display function)

NEW

Equipped Astrodesign origina conversion algorithm,Smooth operation

SC-2045B/2045W is an HDTV Scan Converter that enables 2-windows composition with simple window display.Utilizes ASTRODESIGN's original image conver tecnology "TERA (Technology Radionics)"infoduced eith the Variable Scan Converter SC-2040 series.We are proud to offer a remarkably high quality conversion image with this unit overshadowing other HD Scan Converters on the maeket.



· Features

- Succeeds in improving image quality by adopting "TERA"technology for scan conversion processing.
- An output format is seithable between 1080i/p complying with in HDTV tandard adopted in various countries in the world and 720p.
- Copable to output HD-SDI / analog ypBpR at the same time.
- Wquipped with various test patterns to facilitate adjustment
 ※Cross hatch,monochrome 1-dot,100% color bar,circle,linear,lanm,frame circle+cross hatch+frome,and white raster.

Specifications

input system(common)		Scanning method	interlace / progressive
		Horizontal/vertical frequencies	15 to 125KHz(according to frequency of input and output)
		Vertical frequencies	24 to 100KHz(according to frequency of input and output)
Video signal (SC-2045B)	Window	Sampling Frequency	17 to 162MHz(interlace:81MHz MAX)
		RGB	0.7Vp-p/75Ωterminal(BNC connector 1-channel)
		YPbPr/YCbCr	0.7Vp-p/75Ωterminal(RGB common use)
Synchronized signal (SC-2045B)	Window	GonSYNC	0.3Vp-p/75Ωterminal,HDTV three-level Sync signals
		CS	0.3-4.0Vp-p/75Ωterminal(positive negative polarity) TTL level(positive negative polarity) HDTV level(three-level Sync signals.
		HS/VS	0.3 to .04Vp-p/75Ωterminal(positive negative polarity) TTL level(positive negative polarity) All the above are BNC connectors
input signal (SC-2045W)	Window	Dot clock frequency	25 to 162MHz
		Signal method	A DVI R1.0(DVI-I connector:However,signal is digital only)
BASE signal (common)		HD-SDI	SMPTE292M(BNC connector 2-channels)
		Television method	HDTV
		Terevision format	1920 ~ 1080...60i/59.94i/50i

		1920 ~ 1080 24sF/23.98sF 1920 ~ 1080 30p/29.97p/25p/24p/23.98p 1920 ~ 1035 60i/59.94i 1280 ~ 720 60p/59.94p/24p/23.98p
Output system	Output signal	Same as BASE input signals
	Video signal	YPbPr 0.7Vp-p/75Ω(BNC connector 1-channel)
		HD-SDI SMPTE292M(BNC connector 2-channels)
	Synchronized signal	YPbPr-onSYNC HDTV 3-level Sync signals
		CS HDTV 3-level Sync signals(BNC connector 1-channel:) HS common use)
		HS/VS TTL level(BNC connector 1-channel:negative pole)
Various functions	input adjustment	Sampling phase,video level,enhancement,flicker,contrast,brightnss,color.
	Output adjustment	Line lock phase,frame lock phase,gamma.
	image adjustment	output contrast,brightness.
Controll		RS-232C(Sub miniture D9-pin male 1-channel) Dedicated serial bus(BNC 1-channel eith loop through) Remorte control box:RB-1636(optional)
General specification	Voltage	AC100-120、200-240V(50/60Hz)
	Power consumption	88W(MAX)
	Operating temperature range	5 ~ 40°C (no condensation)
	Operating humidity range	30 ~ 80%RH (no condensation)
	Dimension	430(W)×44(H)×510(D)mm (17×1.7×20 in approx.) (excluding tangs)
	Weight	7Kg(15.4 ib approx)