

SC-2048 Multi-Signal Scan Converter

NEW

This is an inexpensive and easy to operate Multi-Signal Scan Converter. Can be used to build a more effective system.

Introducing a new "Multi-support system". Unifies various video signals for general PC resolution SC-2048 is a Multi-Signal Scan Converter. developed to unify various input signal frequencies for general computer resolution. By limiting basic conventional Variable Scan Converter functions, SC-2048 operation. Operation has also become more cost-effective. Input terminals accommodate 4-lines; NTSC/PAL composite and Y/C for video, and analog RGB and digital RGB(DVI) for computers, these are all selectable on the front panel. Signal for computers are automatically scanned during input. Output resolution can be selected for VGA, SVGA, XGA, and SXGA and are switchable on the front panel as well. Equipped with an external input reference function, it allows you to obtain an output locked to the external synchronized refresh rate of 59.94Hz. The unit can also be used with an AD converter, DA converter, NTSC/PAL linedoubler (double speed converter) / Quadrupler (4-speed converter).



· Features

- Simple operate, requires no skill
- Affordable, easy on the pocket.
- Multi-signal input covers both video and computer
- Output-selectable covering four grades of general computer resolution.
- Supports a universal computer output for 5 resolutions.

· Functions

- Contrast, brightness, color, HUE, and sharpness.
- Output over-scanning.
- Composite, Y/C, analog RGB and DVI input is switchable via communication control.
- Fine adjust input sampling clock and position is possible (otherwise normally auto-scanning).
- Capable for storing 5 frequency output settings for use with analog RGB input[EOF].

Specifications

input signals	Video	NTSC/PAL	Composite	VBS signal 1.0Vp-p/75Ω terminated(BNC connector 1ch)
	Y/C			Y signal 1.0Vp-p/75Ω terminated C signal 1.0Vp-p/75Ω terminated (terminal 1ch)
	Computer	analog/digital	Scanning	progressive
	Dotclock			25 to 135MHz
	analog	Horizontal frequency		25 to 100MHz
	Vertical frequency			40 to 90Hz
	RGB			0.7Vp-p/75Ω terminated(BNC connector 1ch)
	GonSYNC			0.3Vp-p/75Ω terminated
	HS/CS			TTL level (BNC connector 1ch : common)
	VS			TTL level (BNC connector 1ch)
	digital	Horizontal frequency		15 to 100KHz (depending on input resolution)
	Vertical frequency			24 to 80KHz (depending on input resolution)
	DVI			DVI R1.0(DVI-I connector 1ch : digital signal only)
	DDC			not supported
	HDCP			not supported
	Reference (refresh rate 59.94Hz only)	HS/CS		TTL level (BNC connector 1ch : common)
		VS		TTL level (BNC connector 1ch)
Output signal	Resolution			VGA, SVGA, XGA, SXGA (refresh rate 59.94Hz fixed)
	analog	RGB		0.7Vp-p/75Ω (BNC connector 1ch)

	HS	TTL level (BNC connector 1ch : negative polaritl)
	VS	TTL level (BNC connector 1ch : negative polaritl)
digital	DVI	DVI R1.0(DVI-I connector 1ch : digital signal only)
	DDC	not supported
	HDCP	not supported
	Hot plug	not detected (always output)
Controll		RS-232C(D 9-pin male)
General specification	Voltage	AC100-240V (50/60Hz)
	Power consumption	25W
	Operating temperature range	5 ~ 40°C (no condensation)
	Operating humidity range	30 ~ 80%RH (no condensation)
	Dimension	430(W)×44(H)×350(D)mm (1U/excluding projected parts)
	Weight	3.8Kg(approx)