

# Astrodesign IA-Series Adaptor

**NEW**

Astrodesign's 'IA-series' is an adapter BOX for converting LVDS, PANELLINK output from a video generator to either LVDS, PANELLINK or analog signals. There are five types of adapters. Conversion adapter ON/OFF power function allows connecting or disconnecting hot line without turning PC power off when using a type VG PCI board.

This unit is useful for changing to other signals during research and development activities or when changing signals to meet the model specifications at

the production site. This can also be used as a buffer box.



## "Frequency "

Following are frequency specifications for each conversion method. DVI is for single link only.

Model	Conversion method	Clock mode	Frequency specifications (MHz)	
			Input	output
IA-542	LVDS > DVI	1/1	25 to 90	
		1/2	20 to 82.5 x 2CH	40-165
IA-543	DVI > LVDS	1/1	25 to 135	
		1/2	25 to 165	12.5-82.5 x 2CH
IA-544	DVI > DVI	--	25 to 165	
IA-545	DVI > analog	--	25 to 165	
IA-546	LVDS > analog	--	20 to 90	
IA-574	DVI > D-terminal/VBS/Y/C	--	25 to 165	
IA-575	DVI > SCART	--	25 to 165	

## "Specifications"

Power voltage	+5V - 5% (use AC adapter)	
Power consumption	IA-542 (LVDS to DVI) IA-543 (DVI to LVDS) IA-544 (DVI to DVI) IA-545 (DVI to analog) IA-546 (LVDS to analog) IA-574 (DVI to D-terminal/VBS/Y/C) IA-575 (DVI to SCART)	2.9W approx 3.5W approx 1.9W approx 2.5W approx 2.5W approx 2.5W approx 2.5W approx
Weight	400g (13 ounce) approx.	
Operating temperature	5 to 40C (41 to 104 degF)	
Storage temperature	-10 to 60C (14 to 140 degF)	
Humidity	30 to 80% (non-condensing)	
Outside dimensions	128(W) x 25 (H) x 91 (D) mm (5 x 1 x 3.6 in approx.)	