



PE VIDEO LINE CONVERTER PRO

Features:

- Display and video source formats and timings full programmable via on screen display and mouse
- Noise filtered sync separator
- Full programmable ASIC logic allows future upgrades via Flash Technology
- Non volatile FLASH Memory for parameter saving
- Highly stable PLL with sub pixel adjustment for accurate clock regeneration
- Stores the whole image, display and source full independent
- Image scaling for LCD display

Video inputs:

- Video Input Range: 15-100 KHz. line rate, 10-200 Hz. frame rate
- Video Bandwidth: 100 Mhz.
- Digitizing resolution: 16 bit (65.536 colours per pixel)

Monitor output:

- D-Sub standard VGA
- Display format up to 1600x1200 pixels
- Refresh rate up to 200 Hz., line rate up to 150 KHz.
- Dotclock max. 170 Mhz.

Dimensions:

- Length / Width / Height: 20 cm / 16 cm / 6 cm

Connections:

- 4 x BNC, 1Vss, neg. sync on green, composite sync
- VGA output for monitor
- Connector for lightpen adapter
- PS/2 mouse connector
- Primary power receptacle (110 – 240 V)

Monitors:

- Flat screens starting at 17"

Hardcopy option:

- Colour hardcopy printout on HP deskjet printers
- Compatible printers: HP: 5652, 970cxi, 6122, 6127, business inkjet 2230, business 1200d

Environmental requirements:

- Temperature 0-45 degrees celsius, humidity max. 80 % noncondensing

Cables:

- From system to converter: standard RG58/U RGB cable as used with original monitor, max length 30 – 100 m, depending on the signal quality
- From converter to monitor: standard 15 pin VGA cable, max length 3 m