

Product Spec Sheet from Rentex

Barco ImagePRO-3G All-In-One Signal Processor

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Rentex Product No. XVP1050



Mfr Part No. R9004676

The Barco ImagePRO-3G All-In-One Signal Processor is a four-input, six-output seamless switcher, a scaler that handles resolutions from 480-line NTSC up to 1080p HDTV and WUXGA (1920 x 1200), a scan converter that decodes PAL, SECAM & NTSC and encodes NTSC & PAL, an aspect ratio converter, a transcoder, and a de-interlacer. High-performance scaling is handled by Barco's proprietary Athena technology, a 10-bit image-processing technology that uses horizontal and vertical filtering techniques to provide crisp, clean images for both up- and down-conversion.

Features

- Switching, Transcoding & Scan Conversion
- 3G/HD/SD-SDI Input & Output
- Supports Resolutions Up to 1080p & WUXGA
- NTSC & PAL (Plus SECAM Decoding)
- RGB & DVI Computer Video I/O
- Component/Composite/S-Video I/O

Detailed Specifications

Horizontal Frequency	15-120 kHz
Vertical Frequency	25-120 kHz
Termination	75 Ohm
Sync	Sync-on-Video, separate C or H/V via BNC connector
External Sync	Genlock Input: Blackburst, computer H/V sync C-sync via BNC connector
Remote Control	Ethernet connection (with TCP/IP) and RS-232 serial port for real-time control
Crossover Frequency	VGA (640 x 480), SVGA (800 x 600), XGA (1024 x 768), SXGA (1280 x 1204), UXGA (1600 x 1200), WUXGA (1920 x 1200), 480p, 720p, 1080p, 1080i, 875 RS-343, 525 RS-170
	Standard Resolution Video Input: NTSC, PAL, or SECAM
Video Inputs	4 Inputs
	Universal inputs: (3) high-bandwidth video channels support RGBHV/RGBS/RGsB computer video, component video (SD or HDTV), S-Video, or composite video
	Connectors: Input 2 on 15-pin HD connectors with buffered loop-through. Input 3 on 5x BNC connectors with buffered loopthrough Input 1 on DVI-I connector supports both universal analog and DVI input with loop-through
	(1) 3G/HD/SD-SDI on a BNC connector