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ImagePRO-3G

All-in-one signal processor

Thanks to Barco's high performance image processing technology, the ImagePRO-3G is a high-performance video scaler, scan converter, switcher and transcoder all rolled into one. ImagePRO is the ideal solution for converting RGB, HDTV, component, s-video, composite (NTSC, PAL and SECAM) and HD/SDI video into a user-selectable video format. The ImagePRO includes four video outputs and three universal inputs, as well as a dedicated genlock BNC connector.

The ImagePRO-3G won a Live Design Product of the Year Award in the 'Projection Products of the Year' category.

Product specifications	ImagePRO-3G
Video inputs	
Number of inputs	4
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 five 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.
Input resolution range	VGA (640x480), SVGA(800x600), XGA(1024x768), SXGA(1280x1204), UXGA(1600x1200), WUXGA (1920x1200), HDTV 480p, 720p, 1080p, 1080i, 875 RS-343, 525 RS-170
Standard resolution video input	NTSC, PAL or SECAM
Horizontal frequency	15 kHz to 120 kHz
Vertical frequency	25 Hz to 120 Hz
Input termination	75 Ohm
Input sync	Sync-on-Video, Separate C or H/V
External sync	(Genlock) Input: Blackburst, Computer H/V Sync or C-sync.
Connectors	BNC
Video outputs	
Number of outputs	6
Connectors	▪ RGB or component video (SD or HDTV) on HD-15 ▪ RGB or component video (SD or HDTV) or composite video on five BNC ▪ Composite video on BNC ▪ S-video on 4-pin mini-DIN connector ▪ 3G/HD/SD SDI on a BNC connector ▪ DVI output on DVI-D connector
Standard resolution video output	NTSC, PAL
High resolution output supported	VGA (640x480), SVGA(800x600), XGA(1024x768), SXGA(1280x1204), UXGA(1600x1200), WUXGA (1920x1200). For Plasma Displays 1280x768, 1365x768, 1365x1024. HDTV 480p, 720p, 1080p, 1080i. 875 RS-343, 525 RS-170. User definable video output formats supported.
Sync	RGBHV, RGBS, RGsB, TTL level, Polarity selectable, HDTV. Tri-level Sync supported. 75 ohm Output Impedance.
Other	
Remote Control	Ethernet connection (with TCP/IP) or RS-232 serial port for real-time control.
Physical	▪ Height: 1.5" ▪ Width: 17" (43.2 cm) or 19" (48.3 cm) with rackmount option Depth: 14" ▪ Weight: 9lbs. ▪ Shipping Weight: 13 lbs.
Input power	100-240 VAC, 47-63 Hz
Environmental	**Temperature:** 0-40 degrees C; Humidity: 0-95% noncondensing.
Warranty	All video products are designed and tested to the highest quality standards and are backed by a full three-year parts and labor warranty.

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