

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 with loop-through.

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Technical specifications

Video Input	<p>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.</p> <p>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</p>
Video Output	<p>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.</p>
Remote control	Ethernet connection (with TCP/IP) or RS-232 serial port for real-time control.
Physical	<p>Height: 1.5" Width: 17" (43.2 cm) or 19" (48.3 cm) with rackmount option Depth: 14" Weight: 9lbs. Shipping Weight: 13 lbs.</p>
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.