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Find the *Barco Folsom ImagePRO* at our website: ***Click HERE***

ImagePRO-SDI

Powerful all-in-one signal processor that converts a wide range of video signals



Utilizing Folsom's Athena proprietary high performance image processing technology, ImagePRO 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. ImagePRO supports a wide variety of analog and digital output formats including broadcast and VESA standards along with many native plasma formats. ImagePRO users may also create custom output formats to support unique display requirements.

Advanced feature set that includes: universal inputs, aspect ratio conversion, memory presets, test patterns, vertical lock (Genlock), picture adjustments, motion adaptive de-interlacing, and 3:2 and 2:2 pulldown detection to name a few.

ImagePRO is offered in two models: ImagePRO-SDI (R9860411) and ImagePRO-HD (R9860412).

ImagePRO-SDI includes three universal inputs on two HD15 and 5- BNC connectors, and one SD SDI input on a BNC connector. All inputs are with loop-throughs.

ImagePRO-HD includes three universal inputs on a HD15, 5- BNC and on a DVI-I connector. One SD/HD SDI input on a BNC connector and a DVI input on

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ImagePRO-SDI

Powerful all-in-one signal processor that converts a wide range of video signals

a DVI connector. All inputs are with loop-throughs.

Both ImagePRO-SDI and ImagePRO-HD come with a dedicated genlock BNC connector with loop-through.

Both models include four video outputs: two RGB/YPbPr on 5-BNCs and HD15, an SDI output on a BNC and an S-video output on DIN connector.

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Product specifications	ImagePRO-SDI
Video Input	**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. ■ (1) SDI on a BNC **Input Resolution Range:** VGA (640x480), SVGA(800x600), XGA(1024x768), SXGA (1280x1204), UXGA(1600x1200), 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 Output	**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 ■ SDI on BNC **Standard resolution video output:** NTSC, PAL ■ High resolution output supported: VGA(640x480), SVGA(800x600), XGA(1024x768), SXGA (1280x1204),UXGA(1600x1200). 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.
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.

Last updated: 21 Jan 2014
Technical specifications are subject to change without prior notice.
Please check www.barco.com for the latest information.

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