

ScreenPRO-II HD

Advanced signal processor



Barco's ScreenPRO-II HD uses four image layers to produce sophisticated effects, including transitioning backgrounds, transitioning picture-in-picture windows, wipes, dissolves and keys. An internal 8x2 analog video router provides universal analog sources to each scaler channel. In addition, up to two SD/HD SDI inputs are available for the scaled channels. Barco's ScreenPRO-II features a low video processing delay of three input fields maximum.

Technical specifications

Inputs	
Scaled Channel Inputs	<ul style="list-style-type: none"> • Analog Inputs (8) - RGBHV/RGBS/RGSB computer video, YPbPr video (SD or HD), S-video, or Composite video on 15-pin HD connector • HDSDI Input – per SMPTE 259M-C (NTSC/PAL resolution) SMPTE 292M (HDTV) on BNC connector
Scaler Input Resolutions	<ul style="list-style-type: none"> • 480I • Computer Resolutions VGA (640 x 480) through UXGA (1600 x 1200)HDTV Resolutions up to 1920 x 1080 (720p, 1080I, 1080p) • 2048 x 1080p (Digital Cinema format) • Plasma Display Resolutions
Un-Scaled Background/DSK Channel Inputs	DVI Inputs (2) -Digital DVI per DDWG 1.0 on DVI-I connector
Background/DSK Input Resolutions	<ul style="list-style-type: none"> • Computer Resolutions VGA (640x480) through UXGA (1600 x 1200) • HDTV Resolutions, progressive up to 1920 x 1080(1080p) • 2048 x 1080p (Digital Cinema format) • Plasma Display Resolutions
Outputs	
Analog Outputs	RGBHV/RGBS/RGSB (non-interlaced only) on 15-pin HD connectors (Preview and two Program monitor/projector Outputs)
Digital Outputs	Digital DVI per DDWG 1.0 on DVI-I connector (Program Output)
Output Resolutions	<ul style="list-style-type: none"> • Computer Resolutions SVGA (640x480) through UXGA (1600 x 1200) • HDTV Resolutions, progressive up to 1920 x 1080(1080p) • 2048 x 1080p (Digital Cinema format) • Plasma Display Resolutions
User Control	
Front Panel Control	LCD Touch Screen Display, Keyboard circuitry, Rotary Encoders and LED lighted push buttons
Remote Control	<ul style="list-style-type: none"> • Source Input Configuration • Output Format Selection • Test Pattern Selection • Video Source Selection for PIPs or Keys • Transition Effect Selection and Control