

# 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

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