

## ScreenPRO specifications

VIDEO INPUT	
Universal A/V Inputs	(8) high bandwidth video channels
High-Resolution Video	Supports conversion of RGB videos with horizontal scan rates up to 100 KHz and resolutions up to 1600x1200. HDTV 480p, 720p, and 1080i formats are supported in RGB colorspace. Input levels are independently programmable.
Standard Video	Accepts RGB, Y Pb Pr, S-Video (Y/C), or NTSC/PAL video formats. Input levels are independently programmable for RGB and Y Pb Pr sources. Programmable luminance and chrominance levels are provided for S-Video, and Hue and Saturation controls are provided for NTSC/PAL inputs.
Synchronization	The unit automatically locks to the incoming video source
Input Sync Signals	Sync-on-Video; Separate C or H/V
Connectors	BNC
VIDEO OUTPUT	
High-Resolution RGB Video	User programmable output formats; VGA (640x480), SVGA (800x600), XGA (1024x768), SXGA (1280x1024), For plasma displays, 832x624, 848x480, 852x480, 1280x768, 1365x768, 1365x1024. Also provides HDTV 480p and 720p output rates.
Main Outputs	Two independently buffered channels: (1) RGBHV with five BNC connectors; (1) RGBHV with HD-15 connector
Preview Output	(1) RGBHV with HD-15 connector
Output Sync Type	Separate C or H/V
MIXING AND TRANSITION EFFECTS	
	The unit supports seamless switching between sources, including the following transition effects: cut, dissolve, wipe. Transition times and wipe direction are fully programmable.
Picture-in-Picture	Supports display of two independently scaled windows
Luminance Keying	Supports image overlay features with user-adjustable luminance key levels
USER CONTROLS	
Source Selection	(9) illuminated keys support selection of 8 video inputs or black screen
Transition Effects	(3) illuminated keys: wipe, dissolve, and cut
Program Keys	(5) illuminated keys support generation, storage, recall, and editing of preprogrammed control sequences
Freeze Key	A single illuminated key used to freeze the image on the main output
Set-up Controls	Electro-luminescent display, control knob, and 8 keys provide a menu-based front panel interface to simplify set-up
OTHER	
Remote Control	Reconfigurable RS-232/485 port for real-time control; Optional external Ethernet (with TCP/IP and FTP) supports advanced real-time control
Physical	<i>Height:</i> 5.25" (13.3 cm); <i>Width:</i> 17" (43.2 cm) or 19" (48.3 cm) with rear rack-mount option; <i>Depth:</i> 13" (33 cm); <i>Weight:</i> 22 lbs (10 kg); <i>Shipping Weight:</i> 30 lbs (13.6 kg)
Input Power	47-250 VAC, 50-60 Hz, 175 W max.
Environmental	<i>Temperature:</i> 0-40 degrees C; <i>Humidity:</i> 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.