

# BlendPRO

BlendPRO accepts RGB video from up to 4 high-resolution video sources and processes the video for display in multi-projector widescreen format.



## Product specifications

## BLENDPRO

### General specifications

<b>Video Input</b>	<p>Analog Video (4 channels)</p> <p>.</p> <p>Video</p> <ul style="list-style-type: none"><li>· Analog RGB Video with Loop Through</li><li>· Resolution: VGA to SXGA @72 Hz Vertical Scan Rate</li><li>· Input Sync Signals: Sync-on-Green, Composite Sync, Separate H/V Sync</li><li>· Connectors: One 5-wire BNC and One HD-15 Connector for each channel (one for input, one for loop-through)</li><li>· Termination: User-programmable Termination, 75 ohm/Hi-Z</li></ul> <p>Expansion In</p> <ul style="list-style-type: none"><li>■ Digital Expansion Link Input: When connected to the Expansion Out connector on a second BlendPRO, the total number of channels in a system can be expanded to 8</li><li>■ Connector: DVI-D</li></ul>
<b>Video Output</b>	<p>Analog Video (4 channels)</p> <ul style="list-style-type: none"><li>■ Video: Two independently buffered RGB Outputs per channel.</li><li>■ Resolution: Matched to Input Video Resolution and Timing</li><li>■ Output Sync Type: Sync-on-Green, Composite Sync, Separate H/V Sync</li><li>■ Connectors: One 5-wire BNC and One HD-15 Connector per Channel</li></ul> <p>Expansion Out</p> <ul style="list-style-type: none"><li>■ Digital Expansion Link Output: When connected to the Expansion In connector on a second BlendPRO, the total number of channels in a system can be expanded to 8.</li><li>■ Connector: DVI-D</li></ul>
<b>User Controls</b>	<p>Local: User-friendly front panel interface Remote: Configurable RS-232/485 Port supports control from a Folsom Multi-Screen Controller.</p> <p>When used with Folsom Research seamless switchers and controllers, such as the ScreenPro PLUS system, user-programmable features include:</p> <ul style="list-style-type: none"><li>■ Projected image overlap region width</li><li>■ Edge-feathering transfer function</li><li>■ Individually Programmable Input Gain and Level</li><li>■ Output Offset and Gain Adjustments</li><li>■ Frame Synchronization Enable/Disable</li><li>■ Test Patterns for Projector Set-Up</li><li>■ Overlap Enable/Disable</li></ul>
<b>Physical</b>	<p>Height: 5.25" (13.3 cm) Width: 17" (43.2 cm) or 19" (48.3 cm) with rear rack-mount option Depth: 13" (33 cm) Weight: 22 lbs (10 kg) Shipping Weight: 30 lbs (13.6 kg).</p>
<b>Input power</b>	<p>47-250 VAC, 50-60 Hz, 175 W max.</p>
<b>Environmental</b>	<p>Temperature: 0-40 degrees C; Humidity: 0-95% noncondensing.</p>
<b>Warranty</b>	<p>All video products are designed and tested to the highest quality standards and are backed by a full three-year parts and labor warranty.</p>

Last updated: 15 Mar 2023

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