

# WB1920 Image Processor

Warp & blend box



The multi image processor WB1920 is a processing engine for warping and blending with a whole range of features including camera-based AutoAlign and RealTime warp. Adding low-latency, patented Black Level Matching, and Sub-Pixel Level Matching for color correction, it guarantees that each pixel has the same color and brightness. And last but not least it's compatible with active 3D stereo up to 1,280 x 800.

- 1,920 x 1,200
- Support for third party camera based AutoAlign
- 2 channels per 1 standard U
- User-selectable filtering

**PRODUCT SPECIFICATIONS****WB1920 IMAGE PROCESSOR**

<b>Functionality</b>	Geometry Correction Blending Color correction and matching Uniformity correction and matching
<b>Scalability</b>	Unlimited channels
<b>Latency</b>	Zero with blended set up, rotation dependent with geometry correction
<b>Color depth</b>	12 bits per color (internal)
<b>Input/Output</b>	Dual Link DVI in / out Ethernet (control) IEC power connector
<b>Color correction</b>	Patented black level matching
<b>Resolution</b>	1,920 x 1,200 pixels (Maximum)
<b>3D</b>	1,280 x 800 @ 120Hz
<b>Control</b>	ProNet™ setup and calibration tool Works with Microsoft Windows operating systems. Micosoft .NET Framework 3.5 or later must be installed.  Auto-alignment supported
<b>Scalability</b>	filtering and scaling options – user selectable 4x4 Lancos algorithm Bi-cubic interpolation Bi-linear interpolation
<b>Installation</b>	1/2 width. 1RU rack mount. Rack mounting kit available (R9801212)
<b>Certifications</b>	FCC Class A, CE, CUL
<b>Power requirements</b>	100 -120VAC, 200 -240 VAC, 50/60 Hz, < 30W
<b>Dimensions</b>	(H x W x D) 43.5 x 216 x 275.5 mm
<b>Warranty</b>	3 years standard, up to 5 years (optional)

Last updated: 24 Feb 2021

Technical specifications are subject to change without prior notice. Please check [www.barco.com](http://www.barco.com) for the latest information.