

WB2560 Image Processor

Warp & blend box



The multi image processor WB2560 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 1,920 x 1,200@120Hz.

- 2,560 x 1,600
- Support for third party camera based AutoAlign
- 2 channels per 1 standard U
- User-selectable filtering

Product specifications**WB2560 IMAGE PROCESSOR****General specifications**

Functionality	Geometry correction Blending Color correction and matching Uniformity correction and matching
Scalability	Unlimited channels
Latency	Zero with blended set up, rotation dependent with geometry correction
Color depth	12 bits per color (internal)
Input/Output	Dual Link DVI in / out Ethernet (control) IEC power connector
Color correction	Patented black level matching
Resolution	2,560 x 1,600 pixels (Maximum)
3D	1,920 x 1,200 @ 120Hz
Control	ProNet™ setup and calibration tool Works with Microsoft Windows operating systems. Microsoft. NET Framework 3.5 or later must be installed. Auto-alignment supported
Scalability	filtering and scaling options – user selectable 4x4 Lancos algorithm Bi-cubic interpolation Bi-linear interpolation
Installation	1/2 width. 1RU rack mount. Rack mounting kit available (R9801212)
Certifications	FCC Class A, CE, CUL
Power requirements	100 -120VAC, 200 -240 VAC, 50/60 Hz, < 30W
Dimensions	(H x W x D) 43.5 x 216 x 275.5 mm
Warranty	3 years standard, up to 5 years (optional)

Last updated: 08 Jul 2024

© 2024 Barco nv. All rights reserved. Reproduction in whole or in part without written permission is prohibited. All brand names and product names are trademarks, registered trademarks or tradenames of their respective holders. Due to continued innovation, information and technical specifications are subject to change without prior notice. Please check www.barco.com for the latest specifications.