

DX-100

Single-window video processor for LED displays



- Color calibration
- Genlocking
- DVI/(HD)SDI input and DVI/NNI output modules
- Wide variety of show effects

PRODUCT SPECIFICATIONS

DX-100

Input

- SDI
 - 8NTSC/PAL per SMPTE 259M
 - HD 720p per SMPTE 296M / HD 1080i per SMPTE 292M
- DVI
 - RGB/YCbCr
 - All supported to maximum pixel rate: Single link (165MHz) / Dual link (240MHz)

Output

- Removable
- NNI
 - Proprietary Barco format on an HDMI connector
 - Up to 2048 pixels either horizontally or vertically.
 - Maximum active area: 768K pixels
 - 12 bits per RGB per pixel
- DVI
 - Proprietary Barco format on an DVI connector
 - Up to 2048 pixels either horizontally or vertically.
 - Maximum active area: 3x 480K pixels

Processing

- Number of layers: 1
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- Ext. Genlock: Composite sync signal (standard or tri-level) or black burst. Termination is 75 ohms, +/- 0.1%.
- Video Delay

Physical and Electrical

- Power Input: 100-240 VAC, 50-60 Hz
- Power consumption: 180 watts maximum
- Mechanical:
 - H: 8.75 inches (22.22 cm)
 - W: 17.00 inches (43.18 cm)
 - W: 19.00 inches (48.26 cm) with rackmount wings
 - D: 17.00 inches (43.18 cm), excluding connectors and latches
 - 5RU rackmount
- Temperature: 0-40 degrees C
- Humidity: 0-95% non-condensing
- Chassis Weight: 52 lbs. (23.6 kg)

Last updated: 26 Nov 2019

Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.