Barco S3 4K Screen Management System

Mfr Part No. S3-4K

Featuring 12 input channels, 4 PROGRAM outputs, 4 AUX outputs and 2 dedicated Multiviewer outputs, the S3-4K is the E2 image processor's more compact sidekick. Under the hood, however, it boasts the same processing performance, image quality, flexibility and rugged durability. In short: all the tools you need to create a stunning live experience, in a single compact and roadworthy housing.

Features

- Native 4K input and output supported
- Easy expansion thanks to interlinking of chassis
- Compact and modular design

Video inputs	12 inputs via 3 input cards (same cards as E2 Event Master Processor) - Up to 3 x 4K inputs - each input card supports up to 4K@60p - 4 x SD/HD/3G SDI (6G ready) - 4 x HDMI 1.4a (297 Mpix/sec max) - 4 x DisplayPort 1.1 (330 Mpix/sec max)
Video Outputs	10 outputs via 3 output cards (same cards as E2 Event Master Processor) - Up to 2x 4K outputs - each output card supports up to 4K@60 p - 4 x SD/HD/3G SDI (6G ready) - 4x HDMI 1.4a (297 Mpix/sec max) - 2 x HDMI 1.4a for Multiviewer (297 Mpix/sec max)
Genlock	Analog reference input/loop on BNC connectors; bi-level and blackburst at SD and tri-level at HD
Program Output	4 program outputs configurable as single screens or tiled/blended widescreens - Configurable from 4X 2048X1200@60 max to 1 x 4096x2400@60 max - Independent edge blending/feathering control for all four sides
Scaled Aux Outputs	User definable from 4 x 2048x1200@60 to 1 x 4K@60 Output color correction
Mixers	Native resolution background mixer per output screen; Independent layer transitions or full Preview/Program transition; Flexible layer allocation – 4 scalable PIP/key layer mixers assignable to any Program output screens
Still Stores	Available in background or PIP
Layer Effects	Borders (hard, soft, halo) and drop shadows; Color effects; Strobe, H&V flip; Luma key; PIP moves via Keyframes

Multiviewer	Flexible user-definable layouts; Monitor all Inputs and Outputs, including Preview and Aux; Two outputs; Dedicated hardware same as E2 Event Master Processor
Expandability	Easily expandable for larger display applications via proprietary links; Link units to increase available Inputs and Outputs for larger tiled/blended widescreen applications; Expansion via simple linking - up to 4 chassis; S3-4K ships with 2 box linking up to 4 chassis link software available Q2 2016
HDCP	HDCP compliant
Control	Event Master screen management software for PC or MAC; Ethernet RJ-45, 1000/100/10 Mbps autosense
Serviceability	Field-Serviceable I/O and processing cards (not hot-swappable); Hot swappable dual-redundant power supplies
Power	Input power: 100-240 VAC 50/60Hz 700W Dual-redundant, hot-swappable power supplies; same as E2 Event Master processor
Dimensions	Height: 13.26 cm / 5.22 inches 3 rack mount units Width: 43.2 cm / 17 inches without chassis handles, 48.3 cm / 19 inches with chassis handles attached Depth: 54 cm / 21.33 inches overall
Weight	24 kg / 53 lbs

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