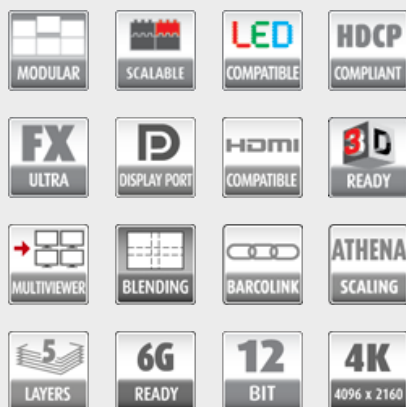


S3-4K

Compact 4K screen management system



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.

Powerful features, easy operation

- Modular card-based design
- Interlinking of S3-4K chassis allows expansion of inputs, outputs or layers
- Easy set-up with the cross-platform Event Master Toolset, providing a step-by-step approach to system configuration
- Using the same modular cards as the E2, the S3-4K is serviceable in the field and ready for future signal interfaces
- Dual, redundant power supplies for maximum peace of mind
- Widescreen blending support

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Product specifications

S3-4K

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	<ul style="list-style-type: none">■ 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	<ul style="list-style-type: none">■ Borders (hard, soft, halo) and drop shadows■ Color effects■ Strobe, H&V flip■ Luma key■ PIP moves via Keyframes
Multiviewer	<ul style="list-style-type: none">■ Flexible user-definable layouts■ Monitor all Inputs and Outputs, including Preview and Aux■ Two outputs■ Dedicated hardware same as E2 Event Master Processor
Expandability	<ul style="list-style-type: none">■ 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	<ul style="list-style-type: none">■ Event Master screen management software for PC or MAC■ Ethernet RJ-45, 1000/100/10 Mbps autosense
Serviceability	<ul style="list-style-type: none">■ Field-Serviceable I/O and processing cards (not hot-swappable)■ Hot swappable dual-redundant power supplies
Dimensions	<ul style="list-style-type: none">■ 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
Power	<ul style="list-style-type: none">■ Input power: 100-240 VAC 50/60Hz 700W■ Dual-redundant, hot-swappable power supplies; same as E2 Event Master processor
Warranty	3 years parts and labor

Last updated: 29 Feb 2016
Technical specifications are subject to change without prior notice.
Please check www.barco.com for the latest information.

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