S3-4K series

Compact 4K screen management systems

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

S3-4K Jr

Bringing the same performance and features as the S3-4K, the S3-4K Jr model is ideally suited for applications that do not require the full capacity of the S3-4K. It comes with 8 inputs, 4 outputs, and 2 mixers in the same 3 RU form factor as its bigger S3-4K brother. S3-4K Jr grows with your shows so you can easily upgrade the S3-4K Jr to a fully loaded S3-4K system at any time. Simply purchase and install additional cards into your system.

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Product specifications	S3-4K series
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 S3D Sync: 4x input Din connector, 2x output Din connector
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 the ability to link 2 chassis for expansion. Linking up to 4 chassis will be available in a future software release.
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
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
Power	■ 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

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