

# S3-4K Jr

## Compact and cost-effective Event Master processor



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.

### Powerful features, easy operation

- Modular card-based design
- Easy set-up with the cross-platform Event Master Toolset, providing a step-by-step approach to system configuration
- Serviceable in the field and ready for future signal interfaces via the modular Event Master cards
- Dual, redundant power supplies for maximum peace of mind (optional)
- Widescreen blending support

**BARCO**

Visibly yours

## Product specifications

## S3-4K Jr

<b>Video inputs</b>	8 inputs via 2 input cards (Event Master series cards) <ul style="list-style-type: none"><li>Up to 2 x 4K inputs - each input card supports up to 4K@60p</li><li>4 x SD/HD/3G SDI (6G ready)</li><li>2 x HDMI 1.4a (297 Mpix/sec max)</li><li>2 x DisplayPort 1.1 (330 Mpix/sec max)</li></ul>
<b>Video outputs</b>	6 outputs via 2 output cards (Event Master series cards) <ul style="list-style-type: none"><li>Up to 1x 4K outputs - each output card supports up to 4K@60 p</li><li>4x HDMI 1.4a (297 Mpix/sec max)</li><li>2 x HDMI 1.4a for Multiviewer (297 Mpix/sec max)</li></ul>
<b>Genlock</b>	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
<b>Program output</b>	4 program outputs configurable as single screens or tiled/blended widescreens <ul style="list-style-type: none"><li>Configurable from 4X 2048X1200@60 max to 1 x 4096x2400@60 max</li><li>Independent edge blending/feathering control for all four sides</li></ul>
<b>Scaled Aux outputs</b>	User definable from 4 x 2048x1200@60 to 1 x 4K@60 Output color correction
<b>Mixers</b>	<ul style="list-style-type: none"><li>Native resolution background mixer per output screen</li><li>Independent layer transitions or full Preview/Program transition</li><li>Flexible layer allocation - 2 mixable or 4 single scalable PIP/key layers assignable to any Program output screen</li></ul>
<b>Still stores</b>	Up to 100 HD stills available in background, Aux or PIP
<b>Layer effects</b>	<ul style="list-style-type: none"><li>Borders (hard, soft, halo) and drop shadows</li><li>Color effects</li><li>Strobe, H&amp;V flip</li><li>Luma key</li><li>PIP moves via Keyframes</li></ul>
<b>Multiviewer</b>	<ul style="list-style-type: none"><li>Flexible user-definable layouts</li><li>Monitor all Inputs and Outputs, including Preview and Aux</li><li>Two outputs</li><li>Dedicated hardware same as E2 Event Master Processor</li></ul>
<b>Expandability</b>	Linking is available as an upgrade option
<b>HDCP</b>	HDCP compliant
<b>Control</b>	<ul style="list-style-type: none"><li>Event Master screen management software for PC or MAC</li><li>Ethernet RJ-45, 1000/100/10 Mbps autosense</li></ul>
<b>Serviceability</b>	<ul style="list-style-type: none"><li>Field-serviceable I/O and processing cards (not hot-swappable)</li><li>Hot-swappable dual-redundant power supplies</li></ul>
<b>Dimensions</b>	<ul style="list-style-type: none"><li>Height: 13.26 cm (5.22 in) - 3 rack mount units</li><li>Width: 43.2 cm (17 in) without chassis handles, 48.3 cm (19 in) with chassis handles attached</li><li>Depth: 54 cm (21.33 in) overall</li></ul>
<b>Weight</b>	24 kg / 53 lbs
<b>Power</b>	<ul style="list-style-type: none"><li>Input power: 100-240 VAC 50/60Hz 700W</li><li>Dual redundant power supplies (optional) same as E2 Event Master processor</li></ul>
<b>Environmental temperature</b>	0-40° C / 32-104 F
<b>Environmental humidity</b>	0-95% non-condensing

**Product specifications**

**S3-4K Jr**

**Warranty**

3 years parts and labor

Last updated: 08 Feb 2017  
Technical specifications are subject to change without prior notice.  
Please check [www.barco.com](http://www.barco.com) for the latest information.

