

# S3-4K

## Compact Event Master processor



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

### 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

**PRODUCT SPECIFICATIONS****S3-4K**

<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 – 4 mixable or 8 single scalable PIP/key layers assignable to any Program output screen</li></ul>
<b>Video inputs</b>	12 inputs via 3 input cards (Event Master series cards) <ul style="list-style-type: none"><li>■ Up to 3 x 4K inputs - each input card supports up to 4K@60p</li><li>■ 4 x SD/HD/3G SDI</li><li>■ 4 x HDMI 1.4a (297 Mpix/sec max)</li><li>■ 4 x DisplayPort 1.1 (330 Mpix/sec max)</li></ul>
<b>Video outputs</b>	10 outputs via 3 output cards (Event Master series cards) <ul style="list-style-type: none"><li>■ Up to 2x 4K outputs - each output card supports up to 4K@60 p</li><li>■ 4 x SD/HD/3G SDI</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>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>	<ul style="list-style-type: none"><li>■ Easily expandable for larger display applications via proprietary links</li><li>■ Link units to increase available Inputs and Outputs for larger tiled/blended widescreen applications</li><li>■ Expansion via simple linking - up to 4 chassis</li><li>■ 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.</li></ul>
<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

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<b>Power</b>	<ul style="list-style-type: none"><li>■ Input power: 100-240 VAC 50/60Hz 700W</li><li>■ Dual-redundant, hot-swappable power supplies; 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
<b>Warranty</b>	3 years parts and labor

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**Last updated: 30 May 2018**

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