

S3-4K

Compact and expandable 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**

| | |
|----------------------------|---|
| Live effects canvas | Up to 20 megapixels in PVW/PGM or 40 megapixels in PGM only mode |
| Video inputs | <ul style="list-style-type: none">■ 12 HD inputs via 3 input cards (Event Master series cards)■ Up to 3 x 4K inputs■ each input card supports up to 4K@60p■ 4 x SD/HD/3G SDI■ 4 x HDMI 1.4a (297 Mpix/sec max)■ 4 x DisplayPort 1.1 (300 Mpix/sec max) |
| Video outputs | <ul style="list-style-type: none">■ 12 HD outputs via 3 output cards (Event Master Series Cards)■ Up to 3x 4K outputs - each output card supports up to 4K@60 p■ 4 x SD/HD/3G SDI - 4x HDMI 1.4a (297 Mpix/sec max)■ 2 x HDMI 1.4a for Multiviewer (297 Mpix/sec max) 4X HDMI 1.4a when used as standard output card |
| 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 | -up to 12 outputs can be assigned to a variety of single, tiled, or blended widescreen configurations (preview and Multi-Viewer not available in all configurations). Configurable for up to 12x 2048X1200@60 or up to 3x 4096x2400@60 outputs supporting Aux or Program destinations -Independent edge blending/feathering control for all four sides. |
| 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 mixable or 8 single scalable PIP/key layers assignable to any Program output screen |
| Still stores | Up to 100 HD or 25 UHD, depending on the import file size |
| Layer effects | <ul style="list-style-type: none">■ Borders (hard, soft, halo) and drop shadows■ Color effects■ Strobe, H&V flip■ Luma, chroma and Cut/Fill keys (not all modes support keying)■ 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 8 chassis |
| HDCP | HDCP compliance determined by installed cards. |
| Serviceability | <ul style="list-style-type: none">■ Field-serviceable I/O and processing cards (not hot-swappable)■ Hot swappable dual-redundant power supplies (optional) |
| Noise Level | Max 51.3 dB avg. Fans at 100%. Fan speed is software-managed based on operating temperature. Reference ISO 7779 |
| Dimensions | <ul style="list-style-type: none">■ Height: 13.26 cm / 5.22 inches■ 3 RU rack mount■ 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 | 21.3 kg / 47 lbs |
| Power | <ul style="list-style-type: none">■ Input power: 100-240 VAC 50/60Hz 826 Watt■ Ships with single power supply. Optional Dual-redundant, hot-swappable power supplies available as upgrade. |
| Warranty | 3 years parts and labor |

PRODUCT SPECIFICATIONS**S3-4K**

| | |
|---------------------------|----------------------|
| Environmental temperature | 0-40° C / 32-104 F |
| Environmental humidity | 0-95% Non-condensing |

Last updated: 09 Nov 2018

Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.