

S3-4K VR series

Compact 4K screen management systems with 3D stereo support



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

Featuring 12 input channels, 4 PROGRAM outputs, 4 AUX outputs and 2 dedicated Multiviewer outputs, the S3-4K VR is the E2 VR 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 manage your VR display system, in a single compact and rugged housing.

With the VR (Virtual Reality) version of the S3-4K screen management system you add 3D stereo capability to the Event Master product portfolio while benefiting from the unprecedented performance, expandability and reliability of the Event Master product family.

Powerful features, easy operation

PRODUCT SPECIFICATIONS**S3-4K VR SERIES**

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|--------------------|---|
| 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 <ul style="list-style-type: none">■ 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 |
| Video inputs | 12 inputs via 3 input cards (same cards as E2 Event Master Processor) <ul style="list-style-type: none">■ Up to 3 x 4K inputs - each input card supports up to 4K@60p■ 4 x HDMI 1.4a (297 Mpix/sec max)■ 4 x DisplayPort 1.1 (330 Mpix/sec max)■ 4 x SD/HD/3G SDI (6G ready) (Optional) |
| Video outputs | 10 outputs via 3 output cards (same cards as E2 Event Master Processor) <ul style="list-style-type: none">■ Up to 2x 4K outputs - each output card supports up to 4K@60 p■ 4x HDMI 1.4a (297 Mpix/sec max)■ 2 x HDMI 1.4a for Multiviewer (297 Mpix/sec max)■ 4 x SD/HD/3G SDI (6G ready) (Optional) |
| 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 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 | <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: 21 Jan 2018Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.