

S3-4K Jr

Compact and cost-effective Event Master processor



- **Easy and reliable show setup and production**
- **Market-valued 4K performance**
- **Future-proof upgradability to the full S3-4K 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

PRODUCT SPECIFICATIONS**S3-4K JR**

Model	NGS-3U
Live effects canvas	10 Megapixels PVW/PGM 20 Megapixels PGM only
Video inputs	8 HD inputs via 2 input cards (Event Master series cards) <ul style="list-style-type: none"> ▪ Up to 2 x 4K inputs - each input card supports up to 4K@60p ▪ 4 x SD/HD/3G SDI ▪ 2 x HDMI 1.4a (297 Mpix/sec max) ▪ 2 x DisplayPort 1.1 (330 Mpix/sec max)
Video outputs	8 HD outputs via 2 output cards (Event Master Series Cards) -Up to 1x 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) 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	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@ All outputs can be defined as Aux destinations for a total of 8 Aux outputs 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 – 2 mixable or 4 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	Linking is available as an upgrade option
HDCP	HDCP compliance determined by installed cards
Control	-Event Master screen management software for PC or Mac -Event Master Controllers -WebUI -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
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 in) - 3 RU rack mount units ▪ Width: 43.2 cm (17 in) without chassis handles, 48.3 cm (19 in) with chassis handles attached ▪ Depth: 54 cm (21.33 in) overall
Weight	21.3 kg / 47 lbs
Power	<ul style="list-style-type: none"> ▪ Input power: 100-240 VAC 50/60Hz 700W ▪ Ships with single power supply. Optional Dual-redundant, hot-swappable power supplies available as upgrade.
Warranty	3 years parts and labor
Environmental temperature	0-40° C / 32-104 F
Environmental humidity	0-95% non-condensing

Last updated: 10 Sep 2019

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