

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 2x 4K inputs - each input card supports up to 4K@60p 4x SD/HD/3G SDI 2x HDMI 1.4a (297 MHz) 2x DisplayPort 1.1 (300 MHz)
Video outputs	8 HD outputs via 2 output cards (Event Master Series Cards) <ul style="list-style-type: none"> Up to 1x 4K outputs - each output card supports up to 4K@60 p 4x HDMI 1.4a (297 MHz) 2x HDMI 1.4a for Multiviewer (297 MHz max) or 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 Configurable from 4x 2048x1200@60 max to 1x 4096x2400@60 max Independent edge blending/feathering control for all four sides
Scaled Aux outputs	User-definable from 4x 2048x1200@60 to 1x 4K@60 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	<ul style="list-style-type: none"> 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' 3 RU rack mount units Width: 43.2 cm / 17" without chassis handles, 48.3 cm / 19" with chassis handles attached Depth: 54 cm / 21.33" overall
Weight	21.3 kg / 47 lbs
Power	Input power: 100-240 VAC 50/60Hz 700W Ships with single power supply. Optional Dual-redundant, hot-swappable power supplies available as upgrade.
Environmental temperature	0-40° C / 32-104 F
Environmental humidity	0-95% non-condensing
Warranty	3 years parts and labor

Last updated: 25 Jun 2020Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.