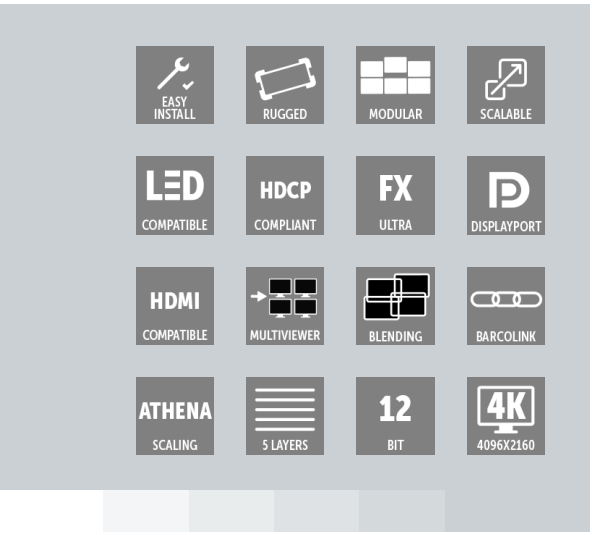
S3-4K Jr

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) ■ 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) ■ 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	■ 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	■ 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	■ 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	■ 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	■ 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 2020

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