

# S3 Standalone

Compact Event Master processor



With up to 12 HD inputs and 12 outputs, the S3 Standalone brings the power of the S3-4K processor to your applications that require less capacity. The S3 Standalone removes the linking capability of the S3-4K, but keeps all of the inputs, outputs, and layers. In the field it offers you the same processing performance, image quality and rugged durability. In short: all the tools you need to create a stunning live experience for clearly-defined projects and fixed installs. Being modular and upgradeable, if you need to link, simply install the linking card and the S3 standalone becomes a full S3-4K.

## Powerful, easy, compact

- Modular card-based design
- Easy set-up with the cross-platform Event Master Toolset, providing a step-by-step approach to system configuration
- Dual, redundant power supplies for maximum peace of mind
- Widescreen blending support
- Interlinking available as an option

**PRODUCT SPECIFICATIONS****S3 STANDALONE**

Model	NGS-3U
Live effects canvas	Up to 20 megapixels in PVW/PGM or 40 megapixels in PGM only mode
Video inputs	12 HD inputs via 3 input cards (Event Master series cards) <ul style="list-style-type: none"><li>■ Up to 3x 4K inputs - each input card supports up to 4K@60p</li><li>■ 4x SD/HD/3G SDI</li><li>■ 4x HDMI 1.4a (297 MHz max)</li><li>■ 4x DisplayPort 1.1 (300 MHz max)</li></ul>
Video outputs	12 HD outputs via 3 output cards (Event Master Series Cards) <ul style="list-style-type: none"><li>■ Up to 3x 4K outputs - each output card supports up to 4K@60 p</li><li>■ 4x SD/HD/3G SDI</li><li>■ 4x HDMI 1.4a (297 MHz max)</li><li>■ 2x HDMI 1.4a for Multiviewer (297 MHz max) or 4x HDMI 1.4a when used as standard output card</li></ul>
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 8 program outputs configurable as single screens or tiled/blended widescreens (preview and Multi-Viewer not available in all configurations). Configurable for up to 8x 2048x1200@60 or up to 3x 4096x2400@60 outputs supporting Aux or Program destinations Independent edge blending/feathering control for all four sides.
Scaled Aux outputs	User-definable from 12x 2048x1200@60 to 3x 4K@60 All outputs can be defined as Aux destinations for a total of 12 Aux outputs Output color correction
Mixers	<ul style="list-style-type: none"><li>■ Native resolution background mixer per output screen</li><li>■ Independent layer transitions or full Preview/Program transition</li><li>■ Flexible layer allocation – 4 mixable or 8 single scalable PIP/key layers assignable to any Program output screen</li></ul>
Still stores	Up to 100 HD or 25 UHD, depending on the import file size.
Layer effects	<ul style="list-style-type: none"><li>■ Borders (hard, soft, halo) and drop shadows</li><li>■ Color effects</li><li>■ Strobe, H&amp;V flip</li><li>■ Luma, chroma and Cut/Fill keys (not all modes support keying)</li><li>■ PIP moves via Keyframes</li></ul>
Multiviewer	<ul style="list-style-type: none"><li>■ Flexible user-definable layouts</li><li>■ Monitor all Inputs and Outputs, including Preview and Aux</li><li>■ Two outputs</li><li>■ Dedicated hardware same as E2 Event Master Processor</li></ul>
Expandability	Linking is available as an upgrade option
HDCP	HDCP compliance determined by installed cards.
Control	<ul style="list-style-type: none"><li>■ Event Master screen management software for PC or Mac</li><li>■ Event Master Controllers</li><li>■ WebUI</li><li>■ Ethernet RJ-45, 1000/100/10 Mbps autosense</li></ul>
Serviceability	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"><li>■ Height: 13.26 cm / 5.22" - 3 RU rack mount</li><li>■ Width: 43.2 cm / 17" without chassis handles, 48.3 cm / 19" with chassis handles attached</li><li>■ Depth: 54 cm / 21.33" overall</li></ul>
Weight	21.3 kg / 47 lbs
Power	Input power: 100-240 VAC 50/60Hz 826 Watt 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](http://www.barco.com) for the latest information.