S3 Standalone

Compact Event Master processor

12G READY	EASY INSTALL	RUGGED	MODULAR
SCALABLE	L≡D COMPATIBLE	HDCP COMPLIANT	FX ULTRA
DISPLAYPORT	MULTIVIEWER	BLENDING	BARCOLINK
ATHENA SCALING	9 LAYERS	12 BIT	4K 4096X2160

Update August 2021: With the release of the S3-4K empty chassis this S3-4K Standalone configuration will no longer be available once existing stock is consumed (first come, first served) and we will move fully into Build-to-order (BTO). We will continue to build the S3-4K Jr. and the S3-4K Tri-combo configurations.

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

BARCO

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) ■ Up to 3x 4K inputs - each input card supports up to 4K@60p ■ 4x SD/HD/3G SDI ■ 4x HDMI 1.4a (297 MHz max) ■ 4x DisplayPort 1.1 (300 MHz max)
Video outputs	12 HD outputs via 3 output cards (Event Master Series Cards) ■ Up to 3x 4K outputs - each output card supports up to 4K@60 p ■ 4x SD/HD/3G SDI ■ 4x HDMI 1.4a (297 MHz max) ■ 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	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	■ Native resolution background mixer per output screen ■ Independent layer transitions or full Preview/Program transition ■ Flexible layer allocation – 4 mixable or 8 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 compliannce 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

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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	■ Height: 13.26 cm / 5.22" - 3 RU rack mount ■ 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 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 (non-operating) 0-85% non-condensing (operational)
Warranty	3 years parts and labor