

S3-4K

Compact and expandable Event Master processor



- **Native 4K input and output supported**
- **Easy expansion thanks to interlinking of chassis**
- **Compact and modular design**

Update August 2021: With the release of the S3-4K empty chassis this S3-4K 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. configuration and the S3-4K Tri-combo configuration.

Featuring 12 input channels, 4 PROGRAM outputs, 4 AUX outputs and 2 dedicated Multiviewer outputs, the S3-4K is the E2 image processor's more compact sidekick. Under the hood, however, it boasts the same processing performance, image quality, flexibility and rugged durability. In short: all the tools you need to create a stunning live experience, in a single compact and roadworthy housing.

Powerful features, easy operation

- Modular card-based design
- Interlinking of S3-4K chassis allows expansion of inputs, outputs or layers
- Easy set-up with the cross-platform Event Master Toolset, providing a step-by-step approach to system configuration
- Using the same modular cards as the E2, the S3-4K is serviceable in the field and ready for future signal interfaces
- Dual, redundant power supplies for maximum peace of mind
- Widescreen blending support

Product specificaties

S3-4K

General specifications

Model	NGS-3U
Live-effectencanvas	Up to 20 megapixels in PVW/PGM or 40 megapixels in PGM only mode
Video-ingangen	12 HD inputs via 3 input cards (Event Master series cards) <ul style="list-style-type: none">Up to 3x 4K inputs - each input card supports up to 4K@60p4x SD/HD/3G SDI4x HDMI 1.4a (297 MHz max)4x DisplayPort 1.1 (300 MHz max)
Video-uitgangen	12 HD outputs via 3 output cards (Event Master Series Cards) <ul style="list-style-type: none">Up to 3x 4K outputs - each output card supports up to 4K@60 p4x SD/HD/3G SDI (6G ready)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
Programma-uitvoer	Up to 12 outputs configurable as single screens or tiled/blended widescreens (preview and Multi-Viewer not available in all configurations). Configurable for up to 12x 2048x1200@60 or up to 3x 4096x2400@60 Independent edge blending/feathering control for all four sides.
Aux-uitgangen met schaalverdeling	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">Native resolution background mixer per output screenIndependent layer transitions or full Preview/Program transitionFlexible layer allocation - 4 mixable or 8 single scalable PIP/key layers assignable to any Program output screen
Geheugenruimte voor foto's	Up to 100 HD or 25 UHD, depending on the import file size
Laageffecten	<ul style="list-style-type: none">Borders (hard, soft, halo) and drop shadowsColor effectsStrobe, H&V flipLuma, chroma and Cut/Fill keys (not all modes support keying)PIP moves via Keyframes
Multiviewer	<ul style="list-style-type: none">Flexible user-definable layoutsMonitor all Inputs and Outputs, including Preview and AuxTwo outputsDedicated hardware same as E2 Event Master Processor
Uitbreidbaarheid	Easily expandable for larger display applications via proprietary links Link units to increase available Inputs and Outputs for larger tiled/blended widescreen applications Expansion via simple linking to 1xE2 or 4x EX chassis, or up to 7 more S3-4K chassis S3-4K ships with the ability to link 8 chassis for expansion
HDCP	HDCP compliance determined by installed cards.
Controle	<ul style="list-style-type: none">Event Master screen management software for PC or MacEvent Master ControllersWebUIEthernet RJ-45, 1000/100/10 Mbps autosense
Onderhoudsgemak	<ul style="list-style-type: none">Field-serviceable I/O and processing cards (not hot-swappable)Hot swappable dual-redundant power supplies
Geluidsniveau	Max 51.3 dB avg. Fans at 100%. Fan speed is software-managed based on operating temperature. Reference ISO 7779
Afmetingen	<ul style="list-style-type: none">Height: 13.26 cm / 5.22" - 3 RU rack mountWidth: 43.2 cm / 17" without chassis handles, 48.3 cm / 19" with chassis handles attachedDepth: 54 cm / 21.33" overall
Gewicht	24 kg / 53 lbs
Vermogen	Input power: 100-240 VAC 50/60Hz 826 Watt Dual-redundant, hot-swappable power supplies
Omgevingstemperatuur	0-40° C / 32-104 F
Omgevingsvochtigheid	0-95% non-condensing (non-operating) 0-85% non-condensing (operational)
Garantie	3 years parts and labor

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