

A.3 Specifications of S3–4K

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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 <ul style="list-style-type: none"> Configurable from 4X 2048X1200@60 max to 1 x 4096x2400@60 max Independent edge blending/feathering control for all four sides
Scaled Aux outputs	User definable from 4 x 2048x1200@60 to 1 x 4K@60 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 – 4 mixable or 8 single scalable PIP/key layers assignable to any Program output screen
Video inputs	12 inputs via 3 input cards (Event Master series cards) <ul style="list-style-type: none"> Up to 3 x 4K inputs - each input card supports up to 4K@60p 4 x SD/HD/3G SDI (6G ready) 4 x HDMI 1.4a (297 Mpix/sec max) 4 x DisplayPort 1.1 (330 Mpix/sec max)
Video outputs	10 outputs via 3 output cards (Event Master series cards) <ul style="list-style-type: none"> Up to 2x 4K outputs - each output card supports up to 4K@60 p 4 x SD/HD/3G SDI (6G ready) 4x HDMI 1.4a (297 Mpix/sec max) 2 x HDMI 1.4a for Multiviewer (297 Mpix/sec max)
Still stores	Up to 100 HD stills available in background, Aux or PIP
Layer effects	<ul style="list-style-type: none"> Borders (hard, soft, halo) and drop shadows Color effects Strobe, H&V flip Luma key 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	<ul style="list-style-type: none"> 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 - up to 4 chassis S3-4K ships with the ability to link 2 chassis for expansion. Linking up to 4 chassis will be available in a future software release.
HDCP	HDCP compliant
Control	<ul style="list-style-type: none"> Event Master screen management software for PC or MAC 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

Dimensions	<ul style="list-style-type: none">• Height: 13.26 cm (5.22 in) - 3 rack mount units• Width: 43.2 cm (17 in) without chassis handles, 48.3 cm (19 in) with chassis handles attached• Depth: 54 cm (21.33 in) overall
Weight	24 kg / 53 lbs
Power	<ul style="list-style-type: none">• Input power: 100-240 VAC 50/60Hz 700W• Dual-redundant, hot-swappable power supplies; same as E2 Event Master processor
Environmental temperature	0-40° C / 32-104 F
Environmental humidity	0-95% non-condensing
Warranty	3 years parts and labor