



BARCO E2

Full-sized Event Master processor

MEASUREMENTS

178mm x 483mm x 622mm

WEIGHT

31Kg

ELECTRICAL

Input power: 100-240 VAC 50/60Hz 826W

Ships with dual-redundant, hot-swappable power supplies

LIVE EFFECTS CANVAS

Up to 20 Megapixels PVW/PGM

40 Megapixels PGM only 80 Megapixels @30p and PGM only

VIDEO INPUTS

32 inputs via 8 input cards (Event Master series cards)

Up to 8 x 4K inputs - each input card supports up to 4K@60 p

12 x SD/HD/3G SDI

10 x HDMI 1.4a (297 Mpix/sec max)

10 x DisplayPort 1.1 (330 Mpix/sec max)

VIDEO OUTPUTS

14 outputs via 4 output cards (Event Master series cards)

Up to 3 x 4K outputs - each output card supports up to 4K@60 p

4 x SD/HD/3G SDI

8 x HDMI 1.4a (297 Mpix/sec max)

2 x HDMI 1.4a for Multiviewer (297 Mpix/sec max)

GENLOCK

Analog reference input/loop on BNC connectors; bi-level and blackburst at SD and tri-level at HD

S3D Sync: 4 x input Din connector, 2 x output Din connector

PROGRAM OUTPUT

Up to 16 program outputs configurable as single screens or tiled/blended widescreens (preview and Multi-Viewer not available in all configurations) - Configurable for up to 16X 2048X1200@60 or up to 4 x 4096 x 2400@60 - independent edge blending/feathering control for all four sides

SCALED AUX OUTPUTS

User definable for up to 16 x 2048 x 1200@60 or up to 4 x 4K@60 All outputs can be defined as AUX destinations for a total of 16 Aux outputs Output colour correction (preview and Multi-Viewer not available in all configurations)

MIXERS

User definable for up to 16 x 2048 x 1200@60 or up to 4 x 4K@60 All outputs can be defined as Aux destinations for a total of 16 Aux outputs Output colour correction (preview and Multi-Viewer not available in all configurations)

STILL STORES

Up to 100 HD or 25 UHD, depending on the import file size

LAYER EFFECTS

Borders (hard, soft, halo) and drop shadows

Colour effects

Strobe, H&V flip

Luma, chroma and Cut/Fill keys (not all modes support keyring)

PIP moves via Keyframes

MULTIVIEWER

Flexible user-definable layouts

Monitor all inputs and Outputs, including Preview and Aux

Two outputs

Dedicated hardware

EXPANDABILITY

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 8 chassis

E2 ships with the ability to link 8 chassis for expansion

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 52.9 dB avg. Fans at 100%. Fan speed is software-managed based on operating temperature. Reference is ISO 7779

WARRANTY

3 years parts and labor

ENVIRONMENTAL TEMPERATURE

0-40° C / 32-104 F

ENVIRONMENTAL HUMIDITY

0-95% non-condensing