

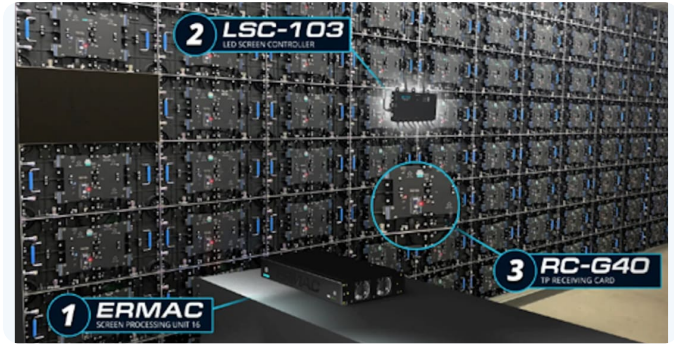
CONTROL SYSTEM COMPONENTS

SPU-32

Option ID spu32 · ERMAC



ERMAC SPU-32 MODULAR LED VIDEO PROCESSOR



IN THE WALL: 1 ERMAC SPU, 2 LSC SCREEN CONTROLLER, 3 RECEIVING CARD PER PANEL

ERMAC SPU-32 - modular LED video processor / controller. Slot-based inputs, fibre/ethernet outputs, HDR + calibration, virtual production and redundancy.

INPUTS

Image-channel slots	4 x DP1.4 / HDMI2.0b / 12G-SDI / ST2110
Fixed channel	1 x DP1.1 / HDMI1.4 / DVI
DP1.4 modes	2560x1440@240 · 3840x2160@120 7680x2160@60 · 7680x4320@30
Audio	IN / OUT over fibre

CONTROL

Console	USB system console (PC)
Remote	TCP/IP · DMX · WEB
Sync	Genlock / input / free run

SCREEN LINK

Screen devices per chain	up to 64
Fibre reach	up to 10 km single mode

SCREEN AND PANEL DEVICES

LSC 108 screen controller	4.15 Mpx at 60 Hz
Receiving cards	G-32a · G-32i · G-40a/h · 196 kpx
RC G-36Xi	520 kpx

OUTPUTS

Output slots	2 x fibre / ethernet
Fibre channels	2 x 40 Gb
Frame rates	24 - 240 Hz

PERFORMANCE

Max resolution	8Kx60 / 2x4Kx120 Hz
Bit depth	10/12-bit in · 16/18/26-bit proc.
Image windows	4 · fader + crossfader
Scalability	Stack SPU - unlimited resolution

PROCESSING

HDR	PQ · HLG · PQ->HLG
Calibration	Luminance/chroma · thermal · seams
Colour spaces	BT709 · BT2020 · DCI-P3 · sRGB
Virtual production	Frame mix · shutter sync · tracking
Redundancy	Redundancy management

GENERAL

Housing	19 inch rack · 1.5 RU · 240 mm deep
Power	100 - 240 VAC · 50/60 Hz · 80 W