ETC

Eos Expansion Processor

Eos Family Control

Type(s)

Project

Date

Notes



GENERAL INFORMATION

Eos Expansion Processing allows you to scale up outputs to satisfy the most demanding productions, add temporary output to your existing system for a single show, or distribute processing across large spaces. Perfect for commercial productions, film and studios, themed entertainment, museums and galleries, multi-venue facilities, and rental inventories, Eos Expansion Processing is a powerful tool to help you realize the expansiveness of your creativity.

The Eos Expansion Processor boots into Expansion Processing mode only, and adds 12,288 additional addresses to any system that can host Expansion Processing. The unit can be a main Expansion Processor, or can be paired with another unit as a full-tracking backup, ensuring zero downtime for critical environments.

Eos Family software includes:

- Approachable yet powerful syntax for programmers of every level
- Industry-leading color control tools
- Magic Sheets for custom programming and displays
- Augment3d 3D programming and visualization environment
- Virtual Media Server function for pixel-mapping
- Timecode and automation integration
- Multi-user and multi-programmer working environment

For drawings, photos, and more, visit the Eos Expansion Processor product webpage. To explore the latest software features, accessories, and other Eos Family products, visit etcconnect.com/Eos.

ORDERING INFORMATION

EOS EXPANSION PROCESSOR

MODEL	DESCRIPTION	PART NUMBER
EOS EXP PROC	Eos Expansion Processor	4450A1031*

* Add -US for Edison, -EU for Schuko/UK13A, -AZ for Australian Type I

All models are available without wireless radios (WiFi and Bluetooth). Please contact ETC for ordering information.

SHIPS WITH:

- One three-button scroll mouse and mousepad
- Cherry tenkeyless backlit alpha-numeric keyboard
- Locking regionalized IEC power cord
- Two 19-inch rack-mount ears and mounting hardware
- Four rubberized feet (for desktop use)
- Augment3d AR target kit

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HARDWARE AND INTERFACES

- 2U 19-inch rack-mount form factor
- One 5-inch high-resolution front panel display, with multi-touch and haptic touch feedback
- Supports one external display port monitor (1920x1080 minimum, 3840x2160 maximum), with optional single-touch or multi-touch screen control and DDC/CI support (used for service or configuration only)
- One dimmable warm-white LED accent light
- Solid-state hard drive
- IEC power input (100–240 VAC at 50/60 Hz), fused mains power switch, locking regionalized power cable included
- Two individually configurable Gigabit Ethernet ports, RJ45 connectors
- One 802.11ac WiFi Ethernet adapter (to be enabled with future software)
- Bluetooth 5.1 for connecting input accessories (to be enabled with future software)
- USB 3.1 ports, for flash drives, pointing devices, keyboards (5 USB A ports, 3 USB C ports)
- One Kensington lock port

EOS EXPANSION PROCESSOR DIMENSIONS AND WEIGHTS*

MODEL	HEIGHT		WIDTH		DEPTH		WEIGHT	
	mm	in	mm	in	mm	in	kg	lb
Eos Expansion Processor	90	3.5	436	17.2	364	14.4	4.9	10.8
Eos Expansion Processor in shipping container	355	14	595	23.4	620	24.4	8.6	19

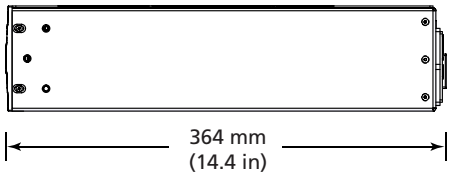
* Dimensions and weights typical

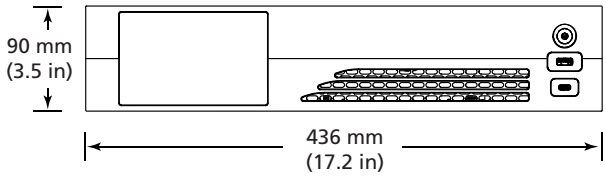
ELECTRICAL AND THERMAL

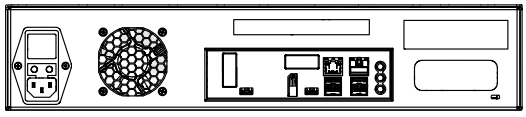
- Power consumption approximately 1 A at 120 V or 230/240 V
- Ambient room temperature 0°–35°C (32°–95°F)
- Ambient humidity up to 90% non-condensing

REGULATORY AND COMPLIANCE

- CE compliant
- cETLus listed
- UKCA marked
- FCC compliant
- RoHS compliant
- WEEE







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