

Server-Grade Encoder E4300 Rev. 1



Product Overview

Single and Dual Channel Video Encoder. Capable of ingesting (1) 4K60 UHD video, or (2) 1080p60 videos, with up to 16 channels of audio

Production Audio/Video Input

Connections	(2) 8 bit 12G-SDI Accepts 16 channels of 24-bit 48 kHz embedded audio on SDI video input #1
Format Types	SD: 525i59.94 NTSC, 625i50 PAL HD: 720p50, 720p59.94, 720p60, 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60, 1080i50, 1080i59.94, 1080i60 UHD: 2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p50, 2160p59.94, 2160p60
SDI Compliance	SMPTE 259M, 292M, 424M, ST-2081, ST-2036-1

Compression for Streaming

Video Codec	HEVC / H.265 (MPEG-H Part 2), H.264 (MPEG-4 AVC)
Audio Codec	AAC-LC with 1, 2, 5.1, 8, or 16 channels of audio

General Specifications

Monitor interface	No monitor required. Supplied with a Mini DisplayPort emulator (installed)
Network Interface	(2) Gigabit Ethernet LAN
Storage Capacity	500GB SSD (~474 GB available); 300 TB Written (TBW) Endurance
Misc. Ports	No keyboard or mouse required. (4) USB 3.1 Gen 2 Ports
Dimensions	Rackmount 2U, 19.0" (W) x 15.5" (D) x 3.5" (H); 21 lbs
Power	100V - 240V Input, 520W maximum draw, redundant hot swappable modules
Warranty	1 Year Limited Manufacturer's Warranty.
Manufactured	U.S.A