



Sivac-One Media Processor

H.265
High Efficiency Video Coding

4K
ULTRAHD



Sivac-One is a modular encoder platform with capacity for 3x Sivac-One Media Processor cards



Each card can be configured as {

- 1x UHD HEVC channel
- 4x FHD/HD HEVC channels

Achieving a density in 1U of {

- 3x UHD HEVC channels
- 12x FHD/HD HEVC channels

Sivac-One Media Processor



<25 W



25 W



Interfaces

- ❖ 6x configurable BNC per card
- ❖ 12G/3G/HD/SD-SDI or ASI
- ❖ 2 x IP 1000/100/10
- ❖ 2x SFP/SFP+
- ❖ Genlock (Deco)

Key Features

- ❖ Hot swap encoder cards
- ❖ HDR Support (HLG10 and HDR10)
- ❖ SMPTE 2022-1/2/7
- ❖ UHD mapping ST425
- ❖ N+1 Redundancy
- ❖ Logo Insertion
- ❖ Redundant Hot-Swap PSU (AC/DC)
- ❖ **Low consumption (<25W per card)**

Compression

- ❖ Same HW: Encoder & Decoder
- ❖ HEVC/H.265
- ❖ UHD/FHD/HD
- ❖ 4:2:2/4:2:0
- ❖ Low Latency. 150 ms encoder
- ❖ From 16 embedded Audio pairs per card



Detail of SMP card rear