

Sivac-one Frame is light weight and low consumption a modular chassis developed for Sivac-one solutions. It has capacity for 3 hot-insertion cards as for example the Sivac-one Media Processor (SMP).

Sivac-one Frame includes specific and dedicated connections for each slot to keep each card independent from the rest in terms of management, I/O interfaces and power supply. This isolates each card from external issues, but at the same time, for a better user experience, it is possible to monitor any of the inserted cards over a WEB interface, by accessing any of the ethernet ports.

Sivac-one Frame allows physical access to the inserted cards from the front, to facilitate maintenance and operation. In this regard, the frame counts with hot-swappable redundant power supply units with an automatic switching mechanism and software and hardware alarms.



Sivac-one Frame Frontal closed cover



Sivac-one Frame Frontal open cover

FEATURES

- Modular: 3 independent Slots
- Low weight & Low consumption
- Easy Maintenance
- Hot insertion cards
- Hot-Swappable Redundant PSU

APPLICATIONS

- Capacity 3x SMP cards achieving densities:
 - ⇒ 12x FHD/HD/SD HEVC Channels in 1U
 - ⇒ 3 x UHD (4K) HEVC Channels in 1U

TECHNICAL SPECIFICATIONS

INTERFACES (with at least 1x SMP installed)

IP Interfaces

Num.: 2 x RJ-45 — simultaneous streams
Interface: 2 x 10/100/1000 Mbps
Encapsulation: TS over IP : UDP, RTP with FEC SMPTE
 2022-1/2/7 (Multicast/Unicast) , Connection control

BNC Interfaces

Num. : 6 x HD-BNC 75 Ω
 4x HD-BNC for SDI (12G/3G/HD/SD-SDI)
 2x HD-BNC for ASI (188 bytes TS)

System Management

Full configuration by webpage and RESTFUL API over IP interface

PHYSICAL CHARACTERISTICS

Power : 2 redundant PSU
Voltage Range: 100-240V ~ 50/60Hz
Typical consumption: 25W with no cards
 110W with 3x SMP integrated and 2x PSU

Dimensions: 43.4 x 4.5 x 37.5 cm (18.9" x 1U)
Weight: <5 Kg
Operating Temperature: 5°C to 45°C
Humidity: <95% non condensed

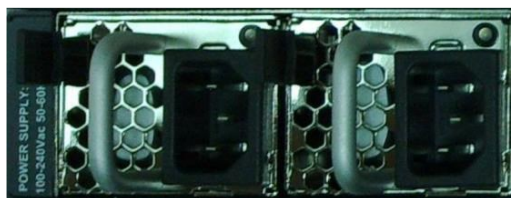
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Sivac-one Frame rear panel with 3x SMP cards intergated and redundant PSU



Detail of insertion of SMP into Sivac-one Frame



Detail of PSU with LED indicator

More info about other Sivac-one elements at: <https://sapec.es/sivac-one-media-processor-2/>