

### SPECIFICATIONS

#### INPUTS

- Video :
  - SDI
  - SMPTE 2110-20
  - NDI®
  - SRT
  - TS RTP
  - TS UDP
  - RTMP
- Audio :
  - SDI embedded
  - NDI® embedded
  - Mpeg1 Layer 2
  - AAC
  - SMPTE 2110-30
  - AES67
  - Dante®
- TSL5 over IP for Tally and UMD

#### INTERFACE

- Web browser
- Https web access
- Audio and video encryption
- Password security for configuration and management
- Secure access

#### FEATURES

- H.264 with WebRTC for ultra-low latency visibility.
- Encode a minimum of 16 video sources per micro-service server.
- Supports up to 16 encoding micro-service instances simultaneously.
- Support a maximum of 256 video, 32 GFX NDI® sources and 5120 audio sources.

#### MULTIVIEWER

- Integrated low latency Multiviewer with video, audio selection for monitoring, audio meters, timecode display, bandwidth settings and Tally indication.

#### HARDWARE

- 1RU Server Chassis:
- 4.4 (H) x 58.9 (D) x 48.2 (W) cm, 9 kg
- 1.75 (H) x 23 (D) x 19 (W) in, 20 lbs



Simplylive Web-Multiviewer is a new platform composed of micro-services that can be deployed on IT commodity hardware to create low-latency multiviewers within your infrastructure.

These micro-services can be deployed on premises, in private data centers or in public cloud (AWS, Google cloud, Microsoft Azure...). The Web-Multiviewer offers a great flexibility and scalability as micro-services can be split and installed on multiple instances.

The core process includes:

- Low latency encoding
- Multiviewer layout design with audio and video selection for each layout
- Integrated web server for the low latency distribution of the different selected Multiviewer outputs

Powerful and simple to implement, the web-multiviewer offers you an unprecedented flexibility. The multiviewer integrates input sources in various format like SDI, 2110, NDI® (w/wo alpha), SRT, RTP, RTMP, TS-UDP for the video and embedded in SDI, 2110, NDI®, SRT, RTP, TS-UDP or in discreet AES67 or Dante® streams for the audio.

Each video and audio source processed in the system can be allocated and monitored in any multiviewer output. The multiviewer layouts are fully user-definable through various templates. There is no technical limitation to the number of layouts and outputs we can create with the Web-Multiviewer. The limitation is fixed by the web server capability and the network infrastructure.

Thanks to the WebRTC capability, the multiviewer can be viewed on any PC, mobile, tablets, connected screen through the local IT network or through the web.

As security is an essential topic in IT infrastructure, the Web-Multiviewer offers all guarantees required by industry specialists. All audio and video signals are encrypted. Featuring IP Whitelist, Blacklist, waiting room, the Web-Multiviewer offers state-of-the-art capability in terms of security and accessibility. On-air tally and umd channel identification are also integrated thru TSL5 protocol.

Key benefits of the Web-Multiviewer:

- Multi format video and audio sources
- Easy to deploy
- Scalable from 16 to 256 channels
- Multi-layout capable
- Secure access



Available on hardware appliances



Available on cloud instances