



LU2000-SMPTE2110

BONDED VIDEO DECODER

Make LiveU an integral part of your all-IP live video infrastructure and workflow

As IP networks become more prevalent in professional broadcast environments, there is a growing number of broadcast facilities shifting to all-IP video connectivity workflows. The new LiveU LU2000-SMPTE2110 server expedites the transmission from SDI to all-IP with a fully compliant and powerful SMPTE 2110 solution, enabling you to simplify your infrastructure, maximize agility and reduce costs.

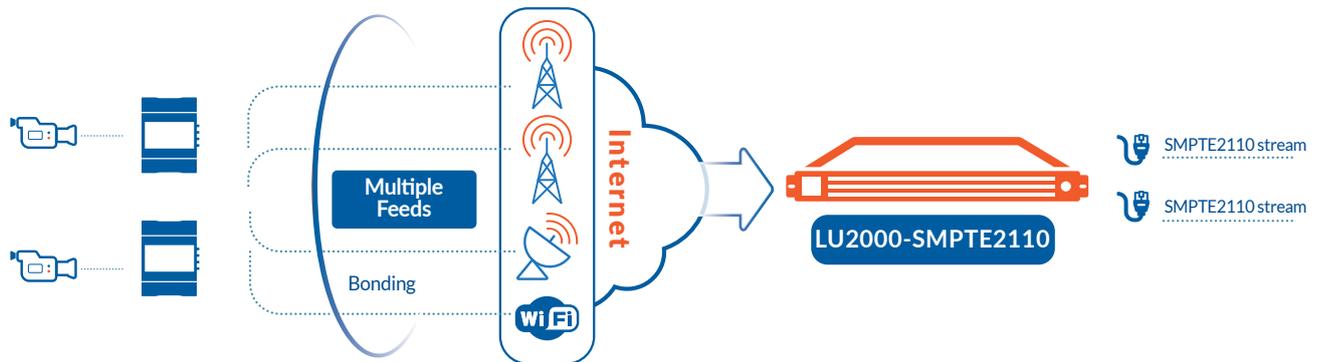
The LU2000-SMPTE2110 bonded video decoder is used to receive, decode and playout any HEVC/H.264 bonded video streams sent by LiveU's range of field units or Matrix cloud video management and distribution platform. The 1U rackmount decoder can simultaneously output two full HD streams (up to 1080p) over SMPTE 2110 Ethernet ports, sending them to selected IP destinations.

The LU2000-SMPTE2110 includes two 25 Gigabit Ethernet SMPTE 2110 ports, with one of the ports used for redundancy, ensuring the highest level of reliability and giving you peace of mind when dealing with live content. The server also includes support for feed synchronization through the Precision Time Protocol (PTP).

Integrating seamlessly with LiveU's multi-layered live video ecosystem, the LU2000-SMPTE2110 allows operators to monitor and control live streams via LiveU Central, the unified management platform for LiveU's field and studio units.



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Technical Specifications

FORM FACTOR	1U rack-mount server
SOFTWARE	Pre-installed with LiveU LRT™ decoder software
VIDEO DECODER	H.264/HEVC
IP OUTPUTS	Up to two video streams over 2 X 25GBE SMPTE-2110 Ethernet ports
SMPTE SUPPORTED STANDARDS	2110-10, 2110-20, 2110-30, 2110-21 Narrow Gap profile, 2022-7
RESOLUTIONS	1080p50/60/25/30/24, 1080i/50/60, 720p50/60/25/30/24
VIDEO INTERFACES	2 X 25GBE fiber Ethernet ports
NETWORK INTERFACE	2 X 1000/100/10 RJ-45
AUDIO CHANNELS	2, 4*, 8*
POWER SOURCES	110-240V 50/60HZ
ADDITIONAL OUTPUTS	RTMP for streaming to CDNs or social media, MPEG-TS, LiveU Matrix and NDI
CONTROL	Full control using cloud management via LiveU Central
PREVIEW	Transcodes and outputs preview via LiveU Central
DIMENSIONS & WEIGHT	Varies by region. For more details please contact your local sales rep.

Future availability

www.liveu.tv

www.facebook.com/LiveU.Fans

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