



LU2000

BONDED VIDEO RECEIVER

The LU2000 bonded video receiver is used to receive, reconstruct and playout any H.264 or HEVC bonded video stream sent by LiveU's range of field units. The LU2000 can also be used as a transmission node when configuring LiveU's MultiPoint transmission service.

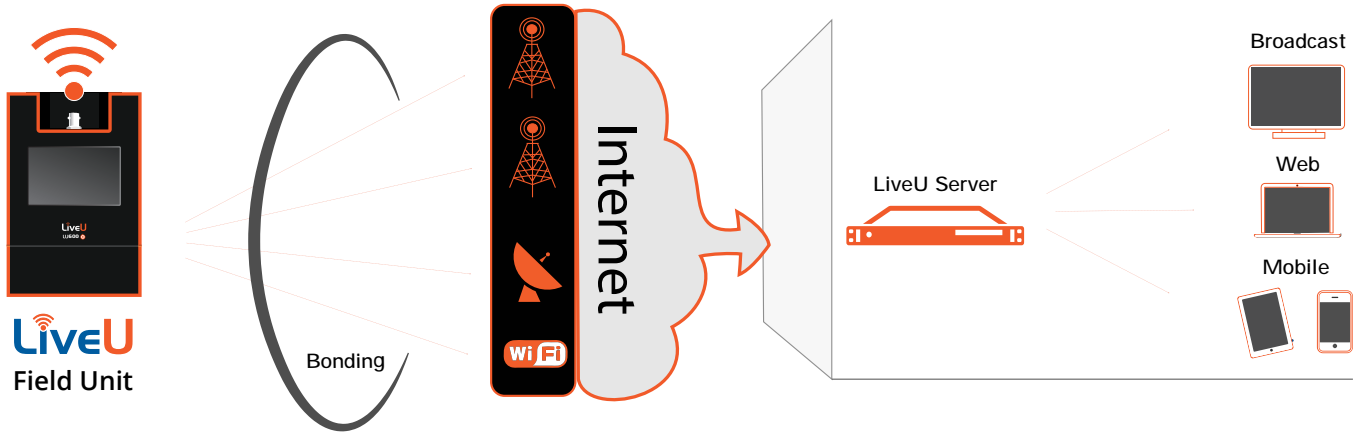
The LU2000 becomes an integral part of your live video workflow, acting as your in-studio source of any remote LiveU live feed. The LU2000 includes the latest version of LiveU's Multi-Media Hub (MMH), the software component that reconstructs multiple incoming LiveU streams.

The LU2000 comes in a range of configurations, from hardware-hosted MMH software, to cloud server solutions, and uses LiveU Reliable Transport (LRT), which includes patented Dynamic Adaptive Bitrate control and Forward Error Correction, allowing it to optimize live video delivery to different classes of receiver, dynamically adjusting bitrate and quality for the best viewer experience at any time.

The LU2000 can receive unlimited number of pre-view feeds, allowing the remote operator to select the feed that is actually sent out over SDI for local consumption, or streamed over the network for CDN or any other online video streaming. The LU2000 integrates seamlessly with LiveU's multi-layered live video ecosystem, allowing 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-MOUNTABLE SERVER
SOFTWARE	PRE-INSTALLED WITH LIVEU LRT DECODER SOFTWARE
VIDEO DECODER	H.264/HEVC
CONFIGURATIONS	SINGLE/DUO/QUAD SIMULTANEOUS SDI OUTPUTS
IP OUTPUTS	RTMP FOR STREAMING TO CDNs OR SOCIAL MEDIA, MPEG-TS, LIVEU MULTIPOINT AND NDI
RESOLUTIONS	1080p50/60/25/30/24, 1080i/50/60, 720p50/60/25/30/24, PAL, NTSC
HW INTERFACES	3G/HD/SD-SDI
NETWORK INTERFACE	1000/100/10 RJ-45
NETWORK INTERFACE COUNT	2
POWER SOURCES	110-240V 50/60HZ
CONTROL	FULL CONTROL USING CLOUD MANAGEMENT VIA LIVEU CENTRAL
PREVIEW	TRANSCODES AND OUTPUTS PREVIEW VIA LIVEU CENTRAL
DIMENSIONS	1.7" (43MM) HIGH, 17.2" (437MM) WIDE, 14.5" (369MM) DEEP, 1U RACKMOUNT
WEIGHT	16.5 LBS / 7.48 KG

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