

LU4000

4K/HEVC receiver, for the highest video quality available



The LU4000 Bonded Video Receiver unit is used to receive, reconstruct and playout any 4K p50/60/H.265 bonded video stream sent by LiveU's LU710 rack-mount encoder.

The LU4000 becomes an integral part of your live video workflow, acting as your in-studio source of any remote LiveU live feed. The LU4000 includes the latest version of LiveU's Multi-Media Hub (MMH), the software component that reconstructs multiple incoming LiveU streams.

The LU4000 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.

Each LU4000 can receive up to 14 simultaneous LiveU live feeds, allowing the remote operator to select the feed that is actually sent out over the 12G-SDI for local consumption. The LU4000 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.

LU4000 Technical Specifications

PRODUCT	FORM FACTOR	1U Rack-mountable server
	SOFTWARE	Pre-installed with software and usage license for LiveU MMH Server
	CONFIGURATIONS	Single: supports one 12G-SDI output
VIDEO INPUT	RESOLUTIONS	2160p50/60/25/30/24, 1080p50/60/25/30/24, 1080i50/60, 720p50/60/25/30/24, PAL, NTSC
	HW INTERFACES	12G/6G/3G/HD/SD-SDI
NETWORK	INTERFACE	1000/100/10 RJ-45
	INTERFACE COUNT	2
POWER	POWER SOURCES	110-240V 50/60Hz
USER INTERFACE	CONTROL	Full control using cloud management via LiveU Central
	PREVIEW	Transcodes and outputs preview via LiveU Central
PHYSICAL	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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