

A professional Sony camera is positioned on the left, with a LiveU LU800e-PRO4 contribution encoder on the right. The encoder's screen displays a live broadcast interface with multiple camera feeds. The background is a tennis court with a net and two tennis balls in the foreground.

**LiveU**

**LU800e-PRO4**

# Multi-Camera, Production-Level Contribution Encoder

## Changing the rules of the game for live sports coverage

Enrich your productions and cover more events at a fraction of the cost of traditional transmission methods. The LU800e-PRO4 is LiveU's cost-effective, multi-camera contribution encoder, designed for live sports production.

The robust encoder combines multi-camera and superior video/audio capabilities with mission-critical transmission over the public internet, leveraging LiveU's Reliable Transport (LRT™) protocol for the highest resiliency.

The LU800e-PRO4 enables high-end remote productions (REMI), supporting four fully frame-synced feeds in high resolution of up to 1080p60 from a single portable unit. Switching between the feeds can be flexibly managed from the unit or station side.

Delivering the highest-quality video performance, the unit offers up to 4Kp60 10-bit HDR transmission for optimal color depth and richness as well as 16 embedded audio channels. The unit includes two Ethernet and two WiFi connections, enabling bonded transmission for greater resiliency or one of the Ethernet connections to be used for redundancy.

The LU800e-PRO4 supports a wide range of remote production tools such as Video Return, Tally Light, Audio Connect and IP Pipe, and can be flexibly managed by the LiveU Central unified management platform.

[www.liveu.tv](http://www.liveu.tv)

[www.facebook.com/liveu.fans](https://www.facebook.com/liveu.fans)

[www.twitter.com/liveu](https://www.twitter.com/liveu)

# LU800 e-PRO4

## Key Features

<b>CAMERA INPUTS</b>	4	<b>AUDIO CHANNELS</b>	Up to 16
<b>VIDEO RESOLUTIONS*</b>	4Kp50/60/25/30/24 1080p50/60/25/30/24 1080i50/60 720p50/60/25/30 PAL, NTSC	<b>SUPPORTED BITRATES</b>	Up to 70Mbps
<b>VIDEO INTERFACES**</b>	4xSDI (12G/3G/HD/SD)	<b>DISPLAY</b>	7" ultra-sensitive capacitive touch-screen
<b>VIDEO ENCODER</b>	8/10-bit H.265/HEVC, H.264	<b>POWER</b>	Dual power input (standard power supply & external battery input)
<b>HDR</b>	YES	<b>NETWORK INTERFACES</b>	2 Ethernet & 2 WiFi
		<b>DISTRIBUTION</b>	Seamless plug into LiveU Matrix for worldwide IP distribution

\* Multi-Camera mode supports 720p, 1080i and 1080p resolutions.

\*\*Supporting all formats of 4K – 1x12G-SDI or 4x3G-SDI – 2SI or square division, level A or level B.



# TECHNICAL SPECIFICATIONS

<b>PORTABILITY</b>	Professional-grade backpack with wired remote control; car cradle
<b>SIMULTANEOUS BONDING</b>	2 Ethernet ports and 2 internal WiFi interfaces
<b>SUPPORTED TECHNOLOGIES</b>	Internal WiFi 2.4/5GHz, 802.11ac/b/g/n support, IP Satellite (KA/BGAN)
<b>MULTI-CAMERA</b>	Supports up to 4 cameras from a single unit
<b>MODES</b>	Live & Store, Store & Forward (three quality levels), File Transfer, DataBridge with access point
<b>VIDEO RETURN</b>	Sub-second video return on the LU800 screen or over an external display via HDMI port
<b>MULTI-TARGET DECODER OUTPUT</b>	Diverse A/V output through SDI/SMPTE-2110/NDI and H.264 RTMP/MPEG-TS streams including integrated connectivity to social media & CDNs
<b>LOCAL CONTROL</b>	Full monitoring and control using 7" sensitive capacitive touch-screen and smooth user interface
<b>REMOTE CONTROL</b>	Full web-based remote control using LiveU Central management system or LiveU Control mobile app
<b>RESILIENCY AND QUALITY</b>	Includes LiveU Reliable Transport (LRT™), featuring proprietary algorithms such as automatic Adaptive Bit Rate (ABR), automatic Forward Error Correction (FEC) and other lost packet recovery algorithms
<b>INTERFACES</b>	Full size SD Card Slot, HDMI out, USB 2.0, USB 3.0, USB-C, 2 Ethernet ports, audio jack (in + out)
<b>WIRELESS INTERFACES</b>	2 x WiFi (2.4/5GHz, 802.11ac/b/g/n) with internal MIMO antennas
<b>POWER</b>	4 hours internal battery Power input: 19V (external AC/DC adaptor 110V to 240V) Dedicated external battery input: 12-17V
<b>DIMENSIONS</b>	175mm x 280mm x 65mm / 6.9" x 11" x 2.5" (W x H x D) – with 4hr battery
<b>WEIGHT</b>	1.74kg (61oz) without battery, 2.1kg (76oz) with battery
<b>TEMPERATURE</b>	Operating: -5C to +45C (23F to 113F)