

LiveU LU300S

Your small-sized portable 5G transmission solution for live coverage on-the-go

Providing reliable 4K 10-bit HDR broadcast-grade video at a fraction of the cost

As media producers, you want to cover it all. Leaving no event uncovered and keeping viewers engaged in every global and local event. In our fast-paced industry, reliability and flexibility are key when covering live events - especially when it comes to remote productions (REMI). The LU300S enables you to produce outstanding content with the most convenient operational set-up.



Small-sized & robust

Weighing just over 900 g (2 lb), the LU300S offers resilient bonding in a compact and lightweight portable unit.

Its ruggedized features are designed for on-the-go productions - dedicated for high-intensity environments.

Your field crew will enjoy maximum production convenience with an intuitive interface and 2.2" display as well as multiple carrying options.

Native 5G reliability

With built-in 5G support, the LU300S delivers the highest bandwidth and ultra-low latency.

Supporting up to 30 Mbps, the unit includes up to 6 IP connections: 4 cellular, WiFi and LAN, based on LiveU's patented HEVC bonding technology.

This enables you to reliably transmit live feeds from even the most challenging cellular coverage areas.

Broadcast-grade video quality

Increase viewership and engage your audience by covering more live events in the highest video quality. The LU300S allows you to reliably transmit up to 4Kp60 10-bit HDR transmission over 12G-SDI or HDMI for optimal color depth and richness.

Supporting richer audio production, the unit supports up to eight audio channels for wider mixing options.

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THE RELIABILITY OF TRANSMITTING 10-BIT HDR COVERAGE USING A SMALL-SIZED UNIT

KEY FEATURES



Up to 4x 5G/4G modems for the highest reliability



Dual SIM support offering a hybrid local/roaming unit option



Up to 4Kp60 10-bit HDR transmission for optimal color depth & richness



Compact & lightweight: weighing just over 2 lb/900 g



Up to 8 audio channels for richer audio production



Various carrying options: camera mount, cross-shoulder pack and belt pack



Rich remote production tools: Tally Light, Audio Connect, IP Pipe



2.2" display with excellent visibility & control



2 license upgrades with robust configurations:

LU300S PRO

LU300S PRO-4K



TECHNICAL SPECIFICATIONS

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VIDEO RESOLUTIONS	4Kp60/50/25/30/24, 1080p50/60/25/30/24, 1080i50/60, 720p50/60, PAL, NTSC
VIDEO INTERFACES	12G/3G/HD/SD-SDI and HDMI 2.0
VIDEO ENCODER	H.265/HEVC, H.264, 10-bit/HDR
AUDIO ENCODER	AAC-HE/LC, up to 8 audio channels
PORTABILITY	Professional-grade cross-shoulder pack, camera mount and belt pack options
SIMULTANEOUS BONDING	Up to 6 network links: 2 x internal 4G/5G cellular modems, 2 x external cellular modems (4G/5G), internal WiFi and Ethernet
EXTERNAL MODEMS	LU Net 4G/5G with high-efficiency antennas for worldwide support
MULTI-TARGET OUTPUT	Diverse A/V output through SDI and H.264 streams including connectivity for CDNs (server side)
POWER SOURCES	3 hours internal battery, DC IN: 12V-19V AC/DC adaptor or external battery
LOCAL CONTROL	Full monitoring and control using local 2.2" display and user-friendly rotating jog
REMOTE CONTROL	Full web-based remote control from smartphones, laptops, tablets or web browsers
DISPLAY INFORMATION	Video preview; per network cellular connectivity status incl. throughput, network delay etc.
RESILIENCY AND QUALITY	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
INTERFACES	2 x USB 2.0, micro USB, RJ-45 Ethernet, 3.5mm in/out audio jack, micro-SD card, SIM cards
WIRELESS INTERFACES	WiFi 802.11 a,b,g,n,ac support with internal MIMO antennas 2 x internal 4G/5G modems with high-efficiency antennas for worldwide support
DIMENSIONS	112.5mm x 203mm x 54.5mm / 4.4" x 8" x 2.1" (W x H x D)
WEIGHT	955g (2.1lbs) with two internal modems and battery
TEMPERATURE	Operating: -5C to +45C (23F to 113F)

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