

LiveU Solo

Best-in-Class Live Streaming Solution for Online Media



LiveU Solo offers the best-in-class 'plug and play' live streaming bonding solution, bringing LiveU's broadcasting expertise to the online media market.

Designed to fit seamlessly with web streaming workflows, LiveU Solo connects automatically to Wowza Streaming Cloud, as well as other popular CDNs, OVPs and YouTube Live. Solo can be managed and controlled remotely via a web interface or smartphone.

The robust and high-quality encoder is based on LiveU's field-proven bonding technology, 10 industry patents, and integral LRT™ (LiveU Reliable Transport) protocol. Optimized for video performance, Solo delivers the rock-solid video streams LiveU is known for by using LRT's integral adaptive bit rate and forward error correction technology.

On the transmission side, and as part of the overall streaming solution, this small, easy-to-use encoder is available in a single channel streaming configuration or with premium bonding capabilities on Solo Plus (2 channels). The solution will be offered via LiveU's new online store*.

Weighing around 500g (1lb), Solo provides a small, light and all-inclusive bonded encoder for sports and other online vertical markets.

**The store will first be available to US customers only.*

LiveU Solo Technical Specifications

PRODUCT	INTEGRATED UNIT	Audio / video encoder, micro SD card, internal battery
	PORTABILITY	Custom design, professional-grade side-pouch, belt-attachment or camera mounted
VIDEO INPUT	RESOLUTIONS	1080p50/60/25/30/24, 1080i50/60, 720p50/60/25/30/24, PAL, NTSC
	HW INTERFACES	3G/HD/SD-SDI, HDMI 1.4
AUDIO/VIDEO ENCODING	VIDEO ENCODER	H.264 AVC high profile
	AUDIO ENCODER	AAC-LC
	VIDEO TRANSPORT	RTP
INTEGRATED BONDED INTERFACES	SIMULTANEOUS BONDING (SOLO PLUS)	Up to 2 x 4G LTE / 3G cellular or WiMAX network links. Supports internal Wi-Fi and Ethernet connectivity
	SUPPORTED TECHNOLOGIES	4G LTE, HSPA+, HSUPA, HSDPA, UMTS, CDMA EVDO Rev 0/A/B, Mobile WiMAX, and internal Wi-Fi 802.11 a,b,g & n support
OPERATIONAL MODES	MULTI-PROFILE SELECTION	Maximum Quality mode for increased resiliency in congested / noisy networks
	MULTI-TARGET OUTPUT	Diverse A/V output through SDI and H.264 streams including connectivity for CDNs
POWER	POWER SOURCES	Internal battery - 2 hours
USER INTERFACE	LOCAL CONTROL	Full monitoring and control using local screen and joystick interface
	REMOTE CONTROL	Full web-based remote control from smart phones, laptops, tablets or web browsers
	PREVIEW	Video preview; per-network cellular connectivity status incl. throughput, network delay etc.
RICH FEATURE SET	RESILIENCY & QUALITY LRT™ (LIVEU RELIABLE TRANSPORT)	Proprietary algorithms such as automatic Adaptive Bit Rate (ABR), automatic Forward Error Correction (FEC) and other lost packet recovery algorithms; Video encoding bit rate is set automatically
	PROFESSIONAL FEATURES	End-to End Low latency mode; Store & Forward; file transfer (FTP); video and audio indicators
PHYSICAL & INTERFACES	DATA	2 x USB 2.0, miniUSB, RJ-45 Ethernet, 3.5mm in/out audio jack, micro SD
	DIMENSIONS	95mm x 132mm x 43mm / 3.7" x 5.19" x 1.7" (W x H x D)
	WEIGHT	518g (1lb) with battery
	TEMPERATURE	Operating: -5C to +45C (23F to 113F)

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