



# LiveU Solo

## STREAM DIRECTLY TO LEADING SOCIAL MEDIA NETWORKS

The main purpose of LiveU Solo is to aid online presence. As a professional-grade video encoder, it offers one-touch streaming to Facebook, YouTube or Twitter, as well as other popular social media networks and online channels. The possibility to go live from almost any location makes LiveU Solo the perfect tool for all crews on the go. What is more, with the optional Cloud Graphics service, it is possible to add overlay graphics such as subtitles to the feed without the need to purchase further costly software products. LiveU's cloud-based labelling solution provides a truly professional look.

LiveU Solo uses the same broadcast technology that major international television broadcasters use every day, leveraging the cellular networks instead of the more expensive satellite solutions.

The secret lies in LiveU's patented Reliable Transport protocol and the proven bonding technology which provides a single robust connection point for data traffic by bonding the available cellular networks, dynamically adapting video quality to the changing network conditions, thereby guaranteeing the highest quality uninterrupted feed.

Our LiveU Solo wireless encoder is an affordable and easy-to-use device ensuring the best possible viewer experience when there is limited bandwidth on the set due to geographical settings or momentary network congestion.



Since LiveU is an official partner of Facebook, the feed of LiveU Solo can be fully integrated into the Facebook Live environment, so that live video content can be directly displayed on Facebook. The same is true for Twitter and the services of Periscope, while the possibility of going live on YouTube is also given for everyone with LiveU Solo.

# INSTANT LIVE STREAMING ONLINE

Technical specifications	
A/V ENCODING	Video: H.264 AVC high profile up to 5.5 Mbps, Audio: AAC-LC
A/V ENCAPSULATION	LRT, RTMP
VIDEO INTERFACES	3G/HD/SD-SDI, HDMI 1.4, auto input detection
VIDEO RESOLUTIONS	1080p50/60/25/30/24, 1080i50/60, 720p50/60/25/30/24, PAL, NTSC full A/V auto detection
SIMULTANEOUS BONDING	In LRT mode bond up to 2x USB Modems, Wi-Fi and Ethernet. All valid connections provided are used while bonding.
SUPPORTED TECHNOLOGIES	4G LTE, HSPA+, HSUPA, HSDPA, UMTS, CDMA EVDO Rev 0/A/B, Mobile WiMAX and external Wi-Fi 802.11 a,b,g & n support
LOCAL AND REMOTE CONTROL	Local control to start and stop the stream; screen displays video preview and bitrate status. Full unit control via the mobile friendly Solo Web Portal for functions including destination configuration.
RESILIENCY & QUALITY	Optional 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; video encoding bit rate is set automatically
INTERNAL BATTERY	Lithium Ion providing minimum of 2 hours of streaming
LATENCY	LRT mode latency ~5 seconds to allow for error correction
DATA INTERFACES	2 x USB 2.0, 1 x Ethernet
DIMENSIONS	95 mm x 132 mm x 43 mm
WEIGHT	518 g including battery
TEMPERATURE	Operating: -5 °C to +45 °C

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