



LU200 Series

Mini Newsgathering Unit



LU200 Pouch



Mini Form Factor



Camera Mount

LU200

LiveU's Mini Newsgathering Unit, Compatible with Any Camera

The LU200 expands LiveU's current offerings for the broadcast market while offering attractive form-factor, performance and pricing for other markets such as new media, sports and enterprise. The LU200 is the latest offering in LiveU's multi-layered live video ecosystem and can be locally or remotely managed via LiveU Central, the unified management system for LiveU's field-units.

Weighing just over 500 grams (1 lb), the LU200 is available in a pouch or camera-mount configuration, bringing a powerful two-modem bonded camera-based solution for any video professional.

The LU200 supports two 4G LTE/3G modems together with Wi-Fi and LAN connections and includes LiveU's proprietary antenna modules for extra resiliency. This two-modem bonded solution is compatible with any camera and is ideal for broadcasts on the fly. The flexible LU200 can also serve as a stand-alone video encoder, with the same level of satellite integration as the LU500, or be used as a LiveU DataBridge mobile hotspot for all IP applications in the field.

Live HD Video Wherever, Whenever

Product	Integrated Unit	Audio / video encoder, micro SD card, cellular & wireless modems, 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
	Video 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	Up to 6 network links; inc. 2 x integrated 4G LTE / 3G cellular or WiMAX modems + internal Wi-Fi and Ethernet
	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
Proprietary RF Technology	Antenna Arrays	Benefits in video quality, resiliency, coverage, operation in areas of poor coverage, on-the-drive, and even in crowded areas. Enhanced support for all common wireless frequencies including LTE
Operational Modes	Multi-Profile Selection	Low latency mode Maximum Quality mode for increased compensation in 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 built-in screen UI
	Remote Control	Full web-based remote control from smartphones, laptops, tablets or web browsers
	Preview	Video preview; per-network cellular connectivity status incl. throughput, network delay etc.
Rich Feature Set	Resiliency and Quality	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	Low latency for studio interviews; Store & Forward; file transfer (FTP); video and audio indicators
Physical & Interfaces	Data & other Interfaces	2 x USB 2.0, miniUSB, RJ-45 Ethernet, 3.5mm in/out audio jack, 2 SIM cards
	Dimensions	95mm x 160mm x 43mm / 3.7" x 6.3" x 1.7" (W x H x D)
	Weight	568g (1.25lbs) with two modems and battery
	Temperature	<i>Operating:</i> -5C to +45C (23F to 113F)

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