



LU40i

Compact, Lightweight Device for High-Quality Live Video Transmission over Multiple Cellular Networks

The LU40i offers a ground-breaking high-quality video uplink solution for coverage of events, such as sports, music, advertising, religious, community and corporate sponsorship. It comes in a substantially smaller form factor and has been specially designed to meet the needs of media professionals on the move.

Supporting up to four 4G LTE/3G cellular, and additional WiMAX, Wi-Fi and LAN links, the LU40i leverages LiveU's breakthrough algorithms for superior resiliency and sustained video transmission. It includes LiveU's versatile encoding capabilities for transmitting high-quality HD/SD video from diverse locations, adapting to dynamic network conditions.

Weighing less than 700g (25oz), the LU40i can be seamlessly connected to most commercially available cameras and comes with an easy-to-use touchscreen interface.

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
Video Input	Resolutions	1080p50/60/25/30/24, 1080i50/60, 720p50/60/25/30/24, PAL, NTSC
	HW Interfaces	HD/SD-SDI, HDMI, Analog (composite, Y/C, component and stereo audio)
	Video Formats	HD-SDI, SD-SDI, PAL/NTSC (SMPTE 425M, 424M, 259M, 292, 296M), HDMI 1.3, full A/V auto detection
Audio / Video Encoding	Video Encoder	H.264 AVC main profile
	Audio Encoder	AAC-HE
	Video Transport	RTP
Integrated Bonded Interfaces	Simultaneous Bonding	Up to 6 network links; inc. 4 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, Wi-Fi 802.11 a,b,g & n
Operational Modes	Dual Profile	Low latency mode Maximum Quality mode for increased compensation in noisy networks
	Multi-target Output	Diverse A/V output through SDI, FME, Wowza and H.264 streams
Power	Power Sources	<i>Two sizes of integral battery:</i> 1 hour & 3 hours <i>Vehicle Lighter input:</i> 12VDC AC: 100V to 240V
User Interface	Local Control	Full monitoring and control using touch-screen UI with lock-screen option
	Remote Control	Full web-based remote control from smartphones, laptops, etc.
	Preview	Video preview; per-network cellular connectivity status incl. throughput, network delay etc.
Rich Feature Set	Resiliency and Quality	Top video quality and resiliency through algorithms such as automatic Adaptive Bit Rate (ABR). Video encoding bit rate is set automatically; automatic Forward Error Correction (FEC) and other lost packet recovery algorithms to maximize Quality of Experience for the end-user
Physical & Interfaces	Data	Micro SD Card Slot, Micro USB 2.0 OTG, RJ-45 Ethernet, Audio jack (in + out)
	Dimensions	<i>With 1hr battery:</i> 129mm x 150mm x 58mm / 5.07" x 5.9" x 2.3" (W x H x D)
	Weight	500g (17.6oz) without battery, 700g (25oz) with 1hr battery, 1000g (35.2oz) with 3hr battery
	Temperature	<i>Operating:</i> -5C to +45C (41F to 113F)

For more information:

LiveU - US & International

LiveU Inc.

2 University Plaza, Suite 505, Hackensack,

New Jersey 07601, USA

Tel: 1-(201)-742-5228

US & Americas: info_us@liveu.tv

International: info@liveu.tv