



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 (25 oz), 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

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| Product | Integrated Unit | Audio / video encoder, micro SD card, cellular & wireless modems, internal battery |
| | Man Carried | 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 WiFi 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 including from smartphones and laptops |
| | Preview | Video preview; per-network cellular connectivity status inc. 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 (17.6 oz) without battery, 700g (25 oz) with 1hr battery, 1000g (35.2 oz) with 3hr battery |
| | Temperature | <i>Operating:</i> -5C to +45C (41F to 113F) |

For more information:

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