



LiveU
LU600

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EXCEPTIONAL PERFORMANCE. EXCEPTIONAL SPEED.

The LU600 is LiveU's sixth generation portable unit for global newsgathering live sports and events coverage. Setting the standard again for IP bonding, the LU600 delivers the highest video quality and bitrate in the market (up to 20Mbps), fastest file transfer (60Mbps) and lowest delay. The new LU600 is upgradable to H.265 HEVC, continuing LiveU's adoption of the latest encoding standards. Tailored to the needs of mobile journalists, the LU600 offers a new streamlined user interface, with an ultra-responsive 5.0 inch capacitive touchscreen. The unit comes in a specially designed smart backpack, with improved usability, remote control functionality and easy access to display, controls and interfaces.

- Highest video quality and bitrate: up to 20Mbps
- Fastest file transfer for FTP/S&F modes: up to 60Mbps
- H.265 ready
- 5" LCD with ultra-responsive capacitive touchscreen
- New user interface
- High-efficiency internal patented antennas
- LTE Advanced support
- 30 sec. boot-up time
- Video IFB on both unit and external displays*
- File & Stream metadata management
- 16GB internal storage
- Micro SDXC support for 256GB cards
- Improved Wi-Fi performance
- 4 audio channels
- High speed internet capabilities (up to 100Mbps)

*Available with release 7.0



SETTING THE STANDARD. AGAIN.

Technical Specifications

INTEGRATED UNIT	Video/Audio integrated encoder
PORTABILITY	Professional-grade backpack
RESOLUTIONS	1080p50/60/25/30/24, 1080i50/60, 720p50/60/25/30, PAL, NTSC
HW INTERFACES	SDI, HDMI
VIDEO FORMATS	3G/HD/SD-SDI, HDMI 1.4, full A/V auto detection
VIDEO ENCODER	H.264 AVC high profile
AUDIO ENCODER	AAC-LC
VIDEO TRANSPORT	RTP
SIMULTANEOUS BONDING	Up to 12 network links; inc. 6-8 x integrated + 1 external 3G/LTE/LTE-Advanced cellular modems + internal Wi-Fi and 2 Ethernet ports
SUPPORTED TECHNOLOGIES	4G LTE/LTE-Advanced, HSPA+, UMTS, CDMA EVDO Rev 0/A/B, and internal Wi-Fi 802.11 a,b,g & n support, IP Satellite (KA/BGAN)
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
MULTI-PROFILE SELECTION	Live: Low latency or maximum quality modes Store and Forward: Three quality-levels (for optimal quality vs speed) FTP: Bonded file transfer
MULTI-TARGET OUTPUT	Diverse A/V output through SDI and H.264 RTMP/MPEG-TS streams including integrated connectivity to social media & CDNs
POWER SOURCES	Integral battery: 3-4 hours AC: 100V to 240V Vehicle Lighter input: 12VDC (optional adapter)
LOCAL CONTROL	Full monitoring and control using 5" sensitive capacitive touch-screen
REMOTE CONTROL	Full web-based remote control using LiveU Central management system
RESILIENCY AND QUALITY	Includes 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
INTERFACES	Micro SD Card Slot, Type-A USB, mini USB, 2 RJ-45 Ethernet, Audio jack (in + out)
DIMENSIONS	With 3-4hr battery: 150mm x 225mm x 70mm / 5.9" x 8.8" x 2.7" (W x H x D)
WEIGHT	1.08kg (38oz) without battery, 1.68kg (59oz) with battery
TEMPERATURE	Operating: -5C to +45C (23F to 113F)

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LiveU Inc. | 2 University Plaza, Suite 505, Hackensack, New Jersey 07601, USA
Tel: 1-(201)-742-5228 | www.liveu.tv/contact-us