THE LU800 SERIES

One unit. Unlimited possibilities.

	LU800-HDR	LU800-PRO	PRO SOFTWARE UPGRADE
CAMERA INPUTS	1	1	
VIDEO RESOLUTIONS	4Kp50/60/25/30/24 (HDMI only) 1080p50/60/25/30/24 1080i50/60 720p50/60/25/30 PAL, NTSC	4Kp50/60/25/30/24 1080p50/60/25/30/24 1080i50/60 720p50/60/25/30 PAL, NTSC	**PRO2** Up to 2 cameras
VIDEO INTERFACES	1xSDI (3G/HD/SD) HDMI 2.0	4xSDI (12G/3G/HD/SD)*	
VIDEO ENCODER	H.265/HEVC, H.264	H.265/HEVC, H.264	**PRO4** Up to 4 cameras Up to 16
10-Bit HDR	Yes	No**	
AUDIO CHANNELS	Up to 4	Up to 8	
SUPPORTED BITRATES	Up to 30Mbps	Up to 60Mbps	

Supporting all formats of 4K – 1x12G-SDI or 4x3G-SDI – 2SI or square division, level A or level B.

**Available with LU800-PRO-4K license upgrade.*

TECHNICAL SPECIFICATIONS

PORTABILITY	Professional-grade backpack with wired remote control; car cradle
SIMULTANEOUS BONDING	Up to 14 network links: 8 x internal 5G/4G/3G dual-SIM modems + 2 external 5G/4G/3G modems + 2 internal WiFi and 2 Ethernet ports
SUPPORTED TECHNOLOGIES	5G/4G /3G and internal WiFi 2.4/5GHz, 802.11ac/b/g/n support, IP Satellite (KA/BGAN)
ANTENNA ARRAYS	Benefits in video quality, resiliency, coverage, operation in areas of poor coverage, on-the-move, and even in crowded areas; enhanced support for all common wireless frequencies including sub 6GHz 5G & LTE
MULTI-CAMERA	Available for LU800-PRO with PRO2/PRO4 license
MODES	Live & Store, Store & Forward (three quality levels), File Transfer, DataBridge with access point
VIDEO RETURN	Sub-second video return on the LU800 screen or over an external display via HDMI port
MULTI-TARGET DECODER OUTPUT	Diverse A/V output through SDI/SMPTE-2110/NDI and H.264 RTMP/MPEG-TS streams including integrated connectivity to social media & CDNs
LOCAL CONTROL	Full monitoring and control using 7" sensitive capacitive touch-screen and smooth user interface
REMOTE CONTROL	Full web-based remote control using LiveU Central management system or LiveU Control mobile app
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	Full size SD Card Slot, HDMI out, USB 2.0, USB 3.0, USB-C, 2 Ethernet ports, audio jack (in + out), 16 SIM interfaces (dual SIM), Quick-Connect option for external cellular antennas & GPS
WIRELESS INTERFACES	Up to 8 x 5G/4G/3G internal modems with high-efficiency antennas for worldwide support (modem count may vary by territory); 2 x WiFi (2.4/5GHz, 802.11ac/b/g/n) with internal MIMO antennas
POWER	4 hours internal battery Power input: 19V (external AC/DC adaptor 110V to 240V) Dedicated external battery input: 12-17V
DIMENSIONS	175mm x 280mm x 65mm / 6.9" x 11" x 2.5" (W x H x D) – with 4hr battery
WEIGHT	1.74kg (61oz) without battery, 2.1kg (76oz) with battery