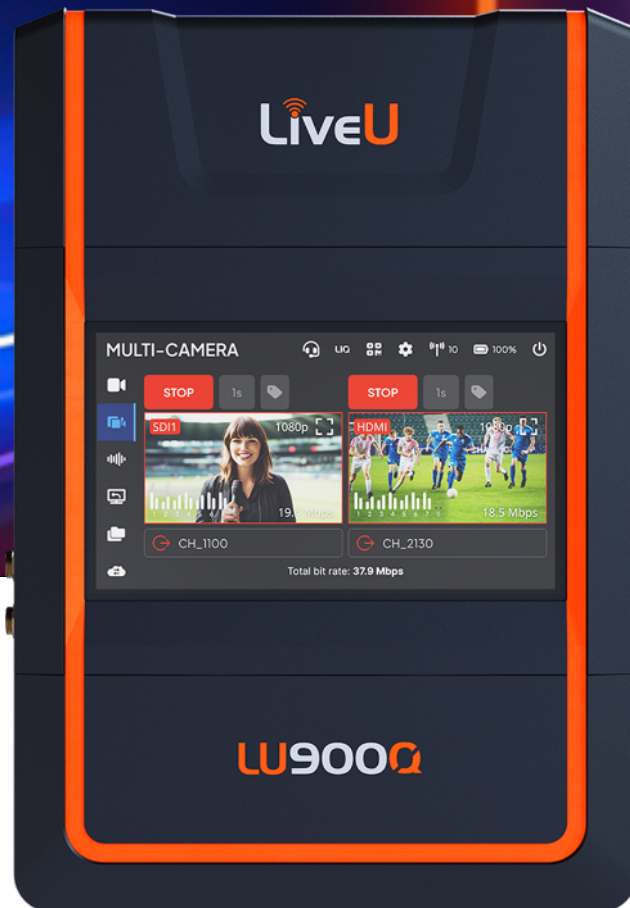


LU900Q



The Intelligent Production Unit with AI-Driven Connectivity

Combining advanced 5G architecture with unparalleled operational flexibility, the LU900Q delivers a quantum leap in live production performance and agility.



LIVEU
Built-in LiveU IQ

Dual Camera

Dual Video Return

File based workflow

Wireless Bluetooth Comms

UP TO 7H

Key Features

 6 x 5G MIMO modems	 Built-in LiveU IQ	 Integrated eSIM technology	 7-hour battery
 Dual Camera	 Flexible inputs SDI / HDMI / USB IP	 16 Audio Channels per camera	 Dual Video Return
 Fast File Transfer	 Wireless File Upload via Wi-Fi	 Dual Intercom	 Wireless Bluetooth Comms
 4:2:2 10-bit HDR	 4K Resolution	 Reference Monitor	 Accurate GPS location

Technical Specs

Feature	Details
Video Resolutions	4Kp50/60/25/30/24, 1080p50/60/25/30/24, 1080i50/60, 720p50/60
Video Interfaces	2x SDI (1x12G + 1x3G/HD) 2x HDMI 2.0 IP Input, USB webcam
Simultaneous Bonding	Up to 11 network links: 6x internal 5G MIMO modems 2 x Ethernet ports Wi-Fi 6 2 x external modems (optional)
Video Encoder	H264/HEVC, 10-Bit, 4:2:2
Audio Channels	Up to 32 audio channels – 16 per SDI camera
Portability	LiveU ProShell – Professional-grade backpack including RF shielding and additional compartments
Supported Technologies	5G/4G/3G and internal Wi-Fi 6 2.4/5GHz, 802.11 ax/ac/b/g/n support, IP Satellite (KA/BGAN), Starlink
Antenna Arrays	High efficiency antennas for all common wireless frequencies including sub 6GHz 5G & LTE
Operational Modes	Live: Down to 0.3 seconds single or multi-camera ultra-low latency transmission mode Live & Store: single live streaming with local high-quality recording on unit Store and Forward: single stream in three quality-levels (for optimal quality vs speed) File based: Bonded file transfer with wireless upload DataBridgE: high-speed mobile broadband connectivity from the unit
Collaboration Toolbox	Dual Video Return high-quality, low latency feeds displayed on unit screen / HDMI Out / SDI Dual Intercom Audio Connect over Bluetooth or wired Reference loopback monitor over SDI2, Tally light, IP Pipe
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
Setup Monitor and Control	5.5" capacitive touchscreen LiveU Central web platform and LiveU Control+ mobile app Wired remote control to simplify basic operations
Resiliency and Quality	Supports LiveU IQ™ natively, optimizing for low signal and congested areas. 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
NTP Frame Sync	Synchronize SRT-based multi angle production feeds based on NTP timecodes
Additional Interfaces	Full size SD Card Slot, HDMI IN, HDMI out, SDI1, SDI2, USB 2.0 Remote Control, USB-C, 2 Ethernet ports, Audio jack, 6 external SIM slots
Power	Up to 7-hour with LiveU ProShell backpack Power input: 19V (external AC/DC adaptor 110V to 240V) Dedicated external battery input: 11-17V
Dimensions	165 mm x 240 mm x 70 mm / 6.50 in x 9.45 in x 2.76 in (W x H x D)
Weight	1.97 kg (excluding the battery booster pack)
Temperature	Operating range: -5°C to +45°C (23°F to 113°F)