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Heynen works for innovators





ACQUIRE ► MANAGE ► DISTRIBUTE

ABOUT LIVEU

LiveU is the pioneer and leader in IP-based live video services and broadcast solutions for acquisition, management and distribution. LiveU's award-winning technology enables live video transmission from any location around the world with lightweight, easy-to-use equipment. With top-tier customers in 60+ countries, LiveU's solutions are used daily for breaking and developing news, and high-profile events.

LiveU offers a complete range of devices and services for live video coverage. LiveU's field solutions aggregate multiple cellular and other network links, which are optimized for maximum video quality based on the available network conditions. LiveU developed and patented the technology for cellular bonding for remote news gathering in the US and other countries.



LIVEU ECOSYSTEM

01 ACQUISITION DONE RIGHT

Our award-winning field units are at the core of the LiveU ecosystem. Representing the most advanced bonded cellular technology available today, all LiveU field units are designed to make newsgathering easier than ever.

02 POWERFUL MANAGEMENT

Receiving inputs from all of the field units, the LiveU Central management platform enables full monitoring and control of the entire ecosystem via any browser-supported computer or mobile device, from anywhere around the world.

LiveU Central delivers a range of powerful cloud-based value-added premium services, tailored to everyday professional video workflows.

01 ACQUIRE



02 MANAGE



03 DISTRIBUTE

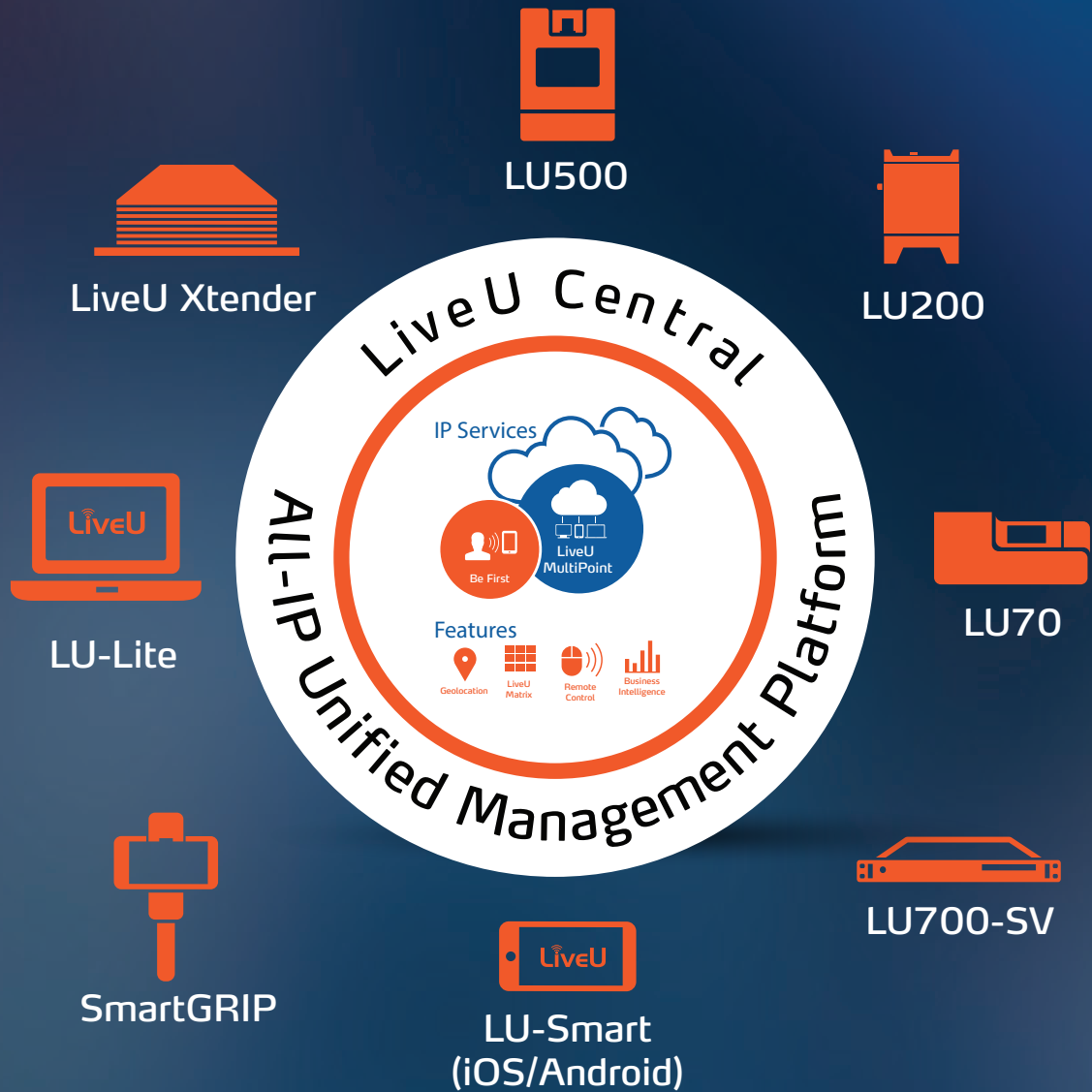


03 WORLDWIDE DISTRIBUTION

Once video has reached the studio it becomes an important part of your ingest workflow. LiveU MultiPoint seamlessly integrates into that workflow allowing you to share incoming live feeds with multiple end-points.

MultiPoint needs no additional expensive hardware or devices – it works on the same LiveU Central platform you work with daily, for efficient content distribution over any IP infrastructure.

PRODUCT PORTFOLIO



LU500

Containing 6-8 modems and proprietary antenna technology, LiveU's flagship cellular-bonding unit is the most robust of its kind, yet smaller and lighter than ever

LU200

Ultra-Small, cost-effective unit with 2+ modems, makes it easier to deploy cellular-bonding with more field crews, or for use as a stand-alone Ethernet video encoder



LU700-SV

LiveU Xtender

The hybrid video encoder for vehicles and fixed locations
External antenna for extra-strong resiliency in extreme scenarios



LU-Smart

Bonded transmission for mobile phones and tablets

LU-Lite

The bonded software solution for Mac OS

LiveU Central

Cloud-based management platform for preview and remote control

LiveU MultiPoint

Easily share feeds between multiple destinations

LiveU Community

Connects video professionals with top international broadcasting networks

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LU200 Series

Mini Newsgathering Unit



LU200

LiveU's Mini Newsgathering Unit, Compatible with Any Camera

The LU200 expands LiveU's current offerings for the broadcast market while offering attractive form-factor, performance and pricing for other markets such as new media, sports and enterprise. The LU200 is the latest offering in LiveU's multi-layered live video ecosystem and can be locally or remotely managed via LiveU Central, the unified management system for LiveU's field-units.

Weighing just over 500 grams (1 lb), the LU200 is available in a pouch or camera-mount configuration, bringing a powerful two-modem bonded camera-based solution for any video professional.

The LU200 supports two 4G LTE/3G modems together with Wi-Fi and LAN connections and includes LiveU's proprietary antenna modules for extra resiliency. This two-modem bonded solution is compatible with any camera and is ideal for broadcasts on the fly. The flexible LU200 can also serve as a stand-alone video encoder, with the same level of satellite integration as the LU500, or be used as a LiveU DataBridge mobile hotspot for all IP applications in the field.



LU200 Pouch



Mini Form Factor



Camera Mount

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 or camera mounted
Video Input	Resolutions	1080p50/60/25/30/24, 1080i50/60, 720p50/60/25/30/24, PAL, NTSC
	Video Interfaces	3G/HD/SD-SDI, HDMI 1.4
Audio / Video Encoding	Video Encoder	H.264 AVC high profile
	Audio Encoder	AAC-LC
	Video Transport	RTP
Integrated Bonded Interfaces	Simultaneous Bonding	Up to 6 network links; inc. 2 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, and internal Wi-Fi 802.11 a,b,g & n support
Proprietary RF Technology	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
Operational Modes	Multi-Profile Selection	Low latency mode Maximum Quality mode for increased compensation in noisy networks
	Multi-target Output	Diverse A/V output through SDI and H.264 streams including connectivity for CDNs
Power	Power Sources	Internal battery - 2 hours
User Interface	Local Control	Full monitoring and control using built-in screen UI
	Remote Control	Full web-based remote control from smartphones, laptops, tablets or web browsers
	Preview	Video preview; per-network cellular connectivity status incl. throughput, network delay etc.
Rich Feature Set	Resiliency and Quality	Proprietary algorithms such as automatic Adaptive Bit Rate (ABR), automatic Forward Error Correction (FEC) and other lost packet recovery algorithms; Video encoding bit rate is set automatically
	Professional Features	Low latency for studio interviews; Store & Forward; file transfer (FTP); video and audio indicators
Physical & Interfaces	Data & other Interfaces	2 x USB 2.0, miniUSB, RJ-45 Ethernet, 3.5mm in/out audio jack, 2 SIM cards
	Dimensions	95mm x 160mm x 43mm / 3.7" x 6.3" x 1.7" (W x H x D)
	Weight	568g (1.25lbs) with two modems and battery
	Temperature	<i>Operating:</i> -5C to +45C (23F to 113F)

LiveU - US & International

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LU200e

LiveU's Cost-effective Contribution Video Encoder



The LU200e is the most cost-effective contribution video encoder on the market, enabling streaming for web distribution, point to point, and point to multipoint for a fraction of the cost of other solutions.

Weighing just over 500 grams (1.1 lbs) the LU200e provides a highly cost-effective and easy-to-use unit for live video transmission anywhere in the world. The LU200e includes LiveU's patented reliable streaming with forward error correction at no extra cost, and provides the highest quality and lowest latency video even over unreliable networks such as the public internet.

The LU200e has built-in, fully enabled bonding, and allows the use of multiple network paths to increase the available throughput from remote locations. You can add 3G and 4G modems to further broaden the available network spectrum for the device.

The LU200e integrates seamlessly with LiveU's multi-layered live video ecosystem and can be locally or remotely managed via LiveU Central, the unified management platform for LiveU's field-units. In conjunction with LiveU Central, the LU200e allows broadcasters to acquire both live and recorded content from the field, preview it centrally or remotely, broadcast it live or in scheduled programming and distribute it to any location.

LU200 Technical Specifications

PRODUCT	INTEGRATED UNIT	Audio / video encoder, micro SD card, internal battery
	PORTABILITY	Professional-grade custom designed form factor, side-pouch and belt-attachment
VIDEO INPUT	RESOLUTIONS	1080p50/60/25/30/24, 1080i50/60, 720p50/60/25/30/24, PAL, NTSC
	HW INTERFACES	3G/HD/SD-SDI, HDMI 1.4
AUDIO/VIDEO ENCODING	VIDEO ENCODER	H.264 AVC high profile
	AUDIO ENCODER	AAC-LC
	VIDEO TRANSPORT	RTP
INTEGRATED BONDED INTERFACES	SIMULTANEOUS BONDING	Up to 4 network links; inc. 2 x USB for connection to 3G/4G cellular modems + internal Wi-Fi and Ethernet
	SUPPORTED TECHNOLOGIES	4G LTE, HSPA+, HSUPA, HSDPA, UMTS, CDMA EVDO Rev 0/A/B, Mobile WiMAX, and internal Wi-Fi 802.11 a,b,g & n support
OPERATIONAL MODES	MULTI-PROFILE SELECTION	Low latency mode Maximum Quality mode for increased compensation in noisy networks
	MULTI-TARGET OUTPUT	Diverse A/V output through SDI and H.264 streams including connectivity for CDNs
POWER	POWER SOURCES	Internal battery - 2 hours
USER INTERFACE	LOCAL CONTROL	Full monitoring and control using local screen and joystick interface
	REMOTE CONTROL	Full web-based remote control from smart phones, laptops, tablets or web browsers
	PREVIEW	Video preview; per-network cellular connectivity status incl. throughput, network delay etc.
RICH FEATURE SET	RESILIENCY AND QUALITY	Proprietary algorithms such as automatic Adaptive Bit Rate (ABR), automatic Forward Error Correction (FEC) and other lost packet recovery algorithms; Video encoding bit rate is set automatically
	PROFESSIONAL FEATURES	End-to-End Low latency mode; Store & Forward; file transfer (FTP); video and audio indicators
PHYSICAL & INTERFACES	DATA	2 x USB 2.0, miniUSB, RJ-45 Ethernet, 3.5mm in/out audio jack, micro SD
	DIMENSIONS	95mm x 132mm x 43mm / 3.7" x 5.19" x 1.7" (W x H x D)
	WEIGHT	518g (1lbs) with battery
	TEMPERATURE	Operating: -5C to +45C (23F to 113F)

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Heynen travaille pour des innovateurs

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