

Go Live!

Backpack Broadcasting in
High Definition, Anywhere, Anytime



- Live video uplink using multiple aggregated cellular links
- Enables TV and online broadcasters to transmit live video from any location
- Full service offering for worldwide operations

Up to 1080 High-Definition Video
Extends Cellular Range through a proprietary antenna array

LiveU provides a reliable, field-proven, cost-effective alternative to traditional satellite transmission and enables new content generation for broadcasters and online media. We are the trailblazer in portable video transmission backpacks. With tier-I customers spanning five continents, LiveU's systems have logged millions of minutes of live transmission in a wide spectrum of events around the world.

- **Multi-Channel Aggregation:** Simultaneously bonds up to 14 links, over any and all 3G/4G cellular, WiMAX networks, Wi-Fi, Ethernet and BGAN satellite
- **Fully Integrated Unit:** Everything is included in one compact and easy-to-use device
- **Full HD Video:** From CIF up to 1080 High-Definition
- **Any Video Camera:** Interfaces to SDI, HDMI, DV or analog A/V input; fully automatic A/V feed detection
- **Automatic Operation:** Automatic adaptive bit rate (ABR), continuous link monitoring, on-going load balancing, smart forward error correction (FEC)
- **Operational Modes:** Optimized for specific scenarios such as interview (low latency), file transfer and more
- **Multi-Client Video Receiver:** Using off-the-shelf hardware, the server software supports

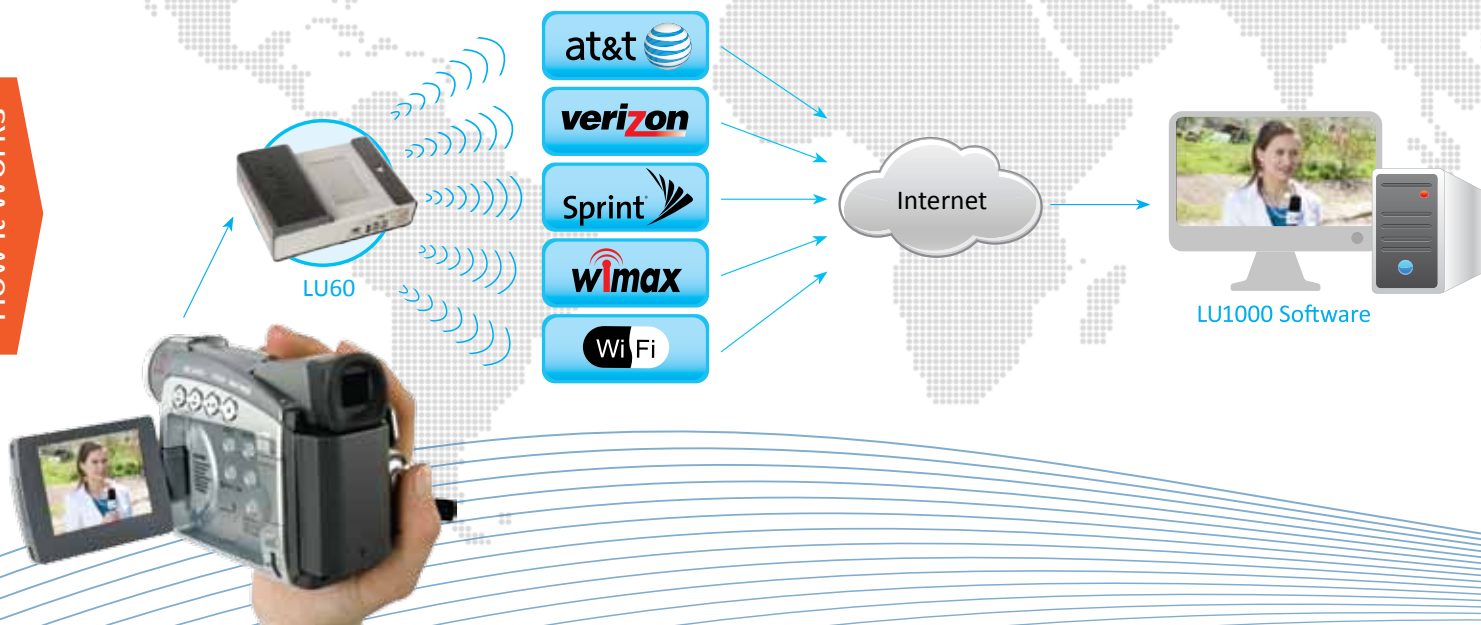
multiple field units simultaneously with SDI outputs, FME, WME, and H.264 streaming

- **Diverse Power-Supply:** Internal battery, Anton-Bauer, IDX, Sony V-Mount, 100/240 AC, vehicle lighter
- **Additional Features:** Full remote monitoring and control, both local and remote media recording, store-and-forward mode, IFB return audio and more
- **Integrated Antenna Array:** Allowing transmission in areas of very poor cellular coverage

Turnkey Service Package

LiveU takes care of everything, including testing modems, selecting SIM packages, handling cellular operators' billing issues and worldwide roaming support.

How it Works



solution for TV and video professionals

Convert Dead Cellular Zones to Live Zones

The LU60's built-in **proprietary antenna array** uses highly advanced RF technology for exceptionally resilient transmission. From bustling urban environments to underground tunnels, high-rise office buildings and crowded public events, the LU60 overcomes cellular multipath fading and poor cellular coverage, taking "anywhere" to a whole new level. Simply put, the LU60 extends cellular range and converts Dead Cellular Zones to Live Zones.

Hi-Definition Video

Video resolutions of up to 1080 using SDI, HDMI or Analog video inputs



LiveU for Broadcast Media

For traditional broadcast media, the LiveU backpack transforms the digital video acquisition chain into an agile workflow of news gathering from the field. It is a new and cost-effective solution for HD-quality coverage of breaking and local news, and opens multiple opportunities for new types of on-the-move reporting.

- ENG
- Breaking news
- Sports coverage
- Weather and traffic reports
- On-the-go from motorbikes, subways, cars, trains, helicopters
- High-speed upload of recorded material
- New live formats

LiveU for Online Media

LiveU is a true game changer for web-based content providers, opening competitive avenues for a variety of new content players and formats. Starting with the LU30, virtually anyone with a handheld video camera can feed high quality streams to a world eager for multiple information sources and increased content diversity.

- Online video publishing
- News reports
- Conference coverage
- Performing arts
- Sports
- Brand marketing
- Social media

Deployed by the World's Largest Media Companies

LU60 Series: Converting Dead Cellular Zones to Live Zones



Audio / Video	Resolutions	1080i60/50, 720p60/50, 720p30/25, D1, VGA, Half-D1, CIF
	Video Interfaces	HD/SD-SDI, HDMI, Analog (any), IEEE- 1394, Ethernet
	Video Formats	HD (SMPTE 292M), PAL/NTSC (259M), DV25/50/100, DVCAM, DVCPRO/50/100 Full auto detection
	Encoder	Video: H.264 AVC high profile @ 128kbps to 30Mbps (*), Audio: AAC-LC (low complexity)
	Transport	Transport stream: RTP / RTSP, MPEG-TS
Integrated Bonded Interfaces	Connectivity	Up to 14 links simultaneously: 3G/4G cellular, Wi-Fi, WiMAX, Ethernet, Satellite (BGAN), USB 2.0 connectivity
	Supported Technologies	4G LTE, HSPA+, HSUPA, HSDPA, UMTS, CDMA, EVDO Rev 0, Rev A, Rev B, Mobile WiMAX, WiBro, Wi-Fi 802.11a,b,g & n (with MIMO)
	LAN & BGAN	Dual BGAN and LAN supported via Ethernet ports
Antenna Array		Benefits in video quality, resiliency, coverage, operation in urban canyons, poor coverage areas, while driving and even in crowded areas
Roaming		Optional, dual SIM cards per modem for international roaming
Feature Set		Rich feature set including: IFB, Store & Forward, local recording, and more
User Interface	Control	Full local monitoring and control using touch-screen UI, full remote monitoring and control over the Internet, from iPhone, iPad, Android smart-phones
	Preview	Video preview
Physical	Dimensions	25 x 36 x 11.5 cm, ~5 kg w/battery

LU30 Series: The Cost-Effective Solution for Media



Audio / Video	Resolutions	D1, VGA, Half D1, CIF
	Video Interfaces	IEEE- 1394, Ethernet; others with external adaptor
	Video Formats	PAL / NTSC, DV25, DV50, DVCAM, DVCPRO 50, full auto detection
	Encoder	Video: H.264 AVC high profile @ 128Kbps to 10Mbps(*) Audio: AAC-LC (low complexity)
	Transport	Transport stream: RTP / RTSP, MPEG-TS
Integrated Bonded Interfaces	Connectivity	Up to 7 links simultaneously: cellular + Wi-Fi, WiMAX, Ethernet, Satellite (BGAN), additional USB 2.0 connectivity
User Interface	Control	Full monitoring and control using touch-screen UI, full remote monitoring and control over the Internet, from iPhone, iPad, Android smart-phones
	Preview	Video preview
Physical	Dimensions	28 x 37 x 7.5 cm, ~5.5kg w/battery

(*) Network dependent

Please contact us for more information:

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