

LUREQON¹

RELIABLE VISUAL INTELLIGENCE
DEPLOY AND INPUT IP DEVICES
LIGHTWEIGHT OPERATIONS



Improving mission critical performance demands advanced IP video technology to deliver high-quality, real-time video from the field to command & control.

The **LU-REQON1™** deploys cutting edge video-over-bonded-IP technology to transmit real-time visual intelligence from HDMI or IP video sources, securely and reliably, from wherever the mission takes you.

Capable of high-performance data transfer and video transmission from the field, the highly portable unit provides powerful operational flexibility.

OVERWATCH FROM ANY VIDEO SOURCE



UNCREWED AERIAL
SYSTEMS (UAS)



UNCREWED GROUND
VEHICLES (UGV)



DASHCAMS



REMOTE
SURVEILLANCE

VISUAL INTELLIGENCE YOU CAN RELY ON

EYES ON THE MISSION, NOT THE TECHNOLOGY

Mission ready in 2 steps; plug in your video cable and press 'Start'.

LiveU Reliable Transport (LRT™) bonds up to 6 diverse links (across cellular, Ethernet, WiFi, LEO Satellite, Mesh etc) to establish one stable, resilient and reliable IP connection for unparalleled wireless video and data transport.



At just 955g (2lbs) the LU-REQON1 has a powerful internal battery to stay on mission for up to 3 hours and ships complete with a molle compatible pouch.

Designed to seamlessly integrate with your tactical gear and your Video Management System, you can focus on the mission, not the technology.

Establish a Common Operating Picture by sharing live video updates through a secure **LiveU Video Return Link***. Whether they're in the field, at the command center, or off base, your squad or inter-agency teams stay connected with real-time visuals straight to their smart devices.

*Optional

LRT™

LiveU's LRT™ (LiveU Reliable Transport) enables reliable video transmission over bonded IP, combining multiple connections to deliver diverse and resilient video where low latency and high quality are essential.

This patented IP video transport technology is specifically designed to enable resilient transmission of real-time video over wireless/unmanaged networks.

TECHNICAL SPECIFICATIONS

CATEGORY	SPECIFICATIONS
TRANSMISSION RESOLUTIONS	1080p50/60/25/30, 720p50/60
VIDEO INTERFACES	IP Input (RTSP) , HDMI 2.0
VIDEO ENCODER	H.265/HEVC, H.264
AUDIO ENCODER	AAC-HE/LC – up to 2 audio channels
PORTABILITY	Professional-grade molle-compatible attachment
SIMULTANEOUS BONDING	Up to 6 network links: 2x internal 4G cellular modems 2x external 4G cellular modems 1x Wi-Fi 1x Ethernet
EXTERNAL MODEMS	LU Net 4G with high-efficiency antennas for worldwide support
POWER OVER ETHERNET (PoE)	Power supply to IP devices of 12V/10W
POWER SOURCES	3 hours internal battery, DC IN: 12V-19V AC/DC adaptor or external battery
OPERATIONAL MODES	Live: low latency or maximum quality modes Live and Store: live streaming with local high -quality recording on unit Store and Forward: three quality-levels (for optimal quality vs speed) FTP: bonded file transfer
REMOTE CONTROL	Full web-based remote control from smartphones, laptops, tablets or web browsers via LiveU Central
LOCAL CONTROL	Full monitoring and control using local 2.2" display and user-friendly rotating jog
DISPLAY INFORMATION	Video preview; per network cellular connectivity status incl. throughput, network delay etc.
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
DIMENSIONS	112.5mm x 203mm x 54.5mm / 4.4" x 8" x 2.1" (W x H x D)
WEIGHT	955g (2.1lbs) with two internal modems and battery
VIBRATION	MIL-STD-810G method 514.6 Category 4
TEMPERATURE	Operating: -5C to +45C (23F to 113F)

