

Qumu Live Encoder

Q.UMU
Live Encoder

What is it?

From a CEO live webcast or new product and service introduction to employee-generated content from around the globe, VideoNet Edge makes enterprise-wide video communication efficient, reliable and secure.



Core capabilities

The Qumu Live Encoder (QLE) is based on technology used extensively in the broadcast industry, and brings professional processing capability to any organization. QLE provides advances in usability, including an intuitive, web-based user interface for profile setup, debugging, and monitoring—meaning no need for remote software like RDP or VNC to configure or monitor. The interface also provides immediate access to log and status information, along with real time controls for event management.

Key features

Professional quality capture support
Native ability to insert logo “bugs”, burn-in timecode, etc.
Multiple input/ingest types and capabilities: IP, File, HDMI, HD-SDI


Robust, web-based UI with real time controls
Intuitive UI for profile setup and debugging
No need to use remote software (i.e., RDP or VNC) to configure profiles and monitor system
Immediate access to log and status information in UI


Enterprise ready features
Multi-language audio support (HLS/H.264)
Closed captioning support


Optimized delivery support
Multi-CDN support
VNE 5.0
Akamai – Note QLE is Akamai Certified

Supported output types
Apple HTTP Live Streaming (HLS)
H.264 Multicast/Unicast (MPTS)
Microsoft Smooth Streaming

Key benefits

 Deliver video to any screen, at any time, all at once.

 Generate all the profiles needed for adaptive streaming in a reduced footprint.

 Use real-time controls for event management and archiving content.

 Lower your total cost of ownership with a highly upgradable platform.

Qumu Live Encoder

The Qumu Live Encoder is a video processing platform that provides real-time video and audio encoding for live streaming via the Qumu Video Control Center (VCC). Powered by AWS Elemental® Live, the QLE performs simultaneous processing of multiple video outputs, delivering the high-quality, high-efficiency performance required for formatting live video for any device. The QLE is designed to integrate seamlessly into the VCC video delivery workflow, with the flexibility to evolve as technology requires. The QLE provides flexible input options from HD-SDI and HDMI inputs to both local file and HLS or MPEG Transport Stream network inputs.

The QLE offers delivery of content via Apple HTTP Live Streaming (HLS), Microsoft Smooth Streaming, or H.264 via UDP/TS live streams to the VCC and automated ingest of archives for video-on-demand viewing.

The Linux-based system can also be controlled through an intuitive web interface to set up and monitor the QLE, eliminating the need to use external remote control tools. The QLE allows users to configure broadcasts that can publish to both internal (i.e., Qumu VideoNet Edge) and external (i.e., Akamai) distribution points simultaneously. In addition, for customers requiring live multitrack audio for live audio translations of broadcasts, the VCC now supports live simultaneous multi-audio tracks in the VCC when sourced from QLE in HLS or UDP/TS formats.

Specifications

Qumu Live Encoder (L025)



Chassis Dimensions (WxHxD)

16.8" x 1.7" x 14"

Unit Weight (chassis & components only)

12 lbs.

Unit Weight (Gross, in box)

17 lbs.

Storage Capacity

1TB HDD

Interfaces

2x1 GbE RJ45 Port

1x HD-SDI Input

1x HDMI Input

System Management

IPMI 2.0

Additional

Power Consumption – 135 Watts Max

Input Voltage – 100-240VAC

Line Frequency – 50 - 60Hz

Noise Level – 56 dB (Max)

Want to learn more?
Contact us.

www.qumu.com/contact

