Streambox® ACT-L3™ Video Transport

Streambox® ACT-L3™ Video Transport solutions have been specifically developed to meet the performance, compression, and quality requirements of broadcasters, cable operators, and satellite providers. Streambox solutions are highly reliable and flexible, making them the video transport solution of choice for news organizations around the world.

The robust family of ACT-L3™ Video Transport solutions provides unrivaled video compression and innovative error correction and bandwidth shaping technologies. This enables users to manage, control, and recover lost packets and correct irregularities inherent in video delivery over satellite and IP/T1/E1 networks.

Streambox customers can expect highly reliable and flexible video transport solutions as well as an accelerated return on investment due to significantly lower bandwidth cost.

Target Markets and Applications

- Real-time broadcast video over IP
- Live newsgathering
- HD and SD video transport
- Point-to-point and point-to-multipoint video distribution
- Telemedicine
- Military and law enforcement
- Education – online/distance learning
- Surveillance and security

Streambox® ACT-L3™ HD Video Transport

Solution Features:

- Full motion HD 1080i/720p video from 2-20 Mbps over existing MPEG-2 SD infrastructures
- Newsgathering and video conferencing from 1 to 20 Mbps
- Accelerated ROI due to lower bandwidth cost
- Built-in multiplexing and de-multiplexing
- Video profile 4:2:0 and 4:2:2
- Advanced forward error correction and burst error protection
- Six channels of balanced audio
- Advanced forward error correction and burst error protection.
- Low end-to-end latency. Provides adjustable latency for video conferencing or broadcasting
- Cost-effective newsgathering and video conferencing

Streambox® ACT-L3™ SD Video Transport

Solution Features:

- Real-time broadcast video over IP from 1.5 Mbps
- Unrivaled video compression and quality
- Reliable video delivery with advanced forward error correction
- Point-to-point and point-to-multipoint video distribution
- Built-in multiplexing and de-multiplexing
- Optional T1/E1 direct connectivity
- Low end-to-end latency
- Integrated solution over IP-based networks
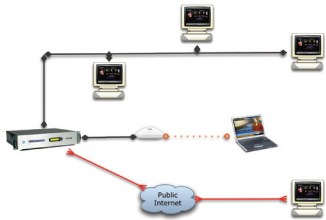- Broadcast and enterprise solutions

Streambox® ACT-L3™ Portable Video Transport

Solution Features:

- Facilitates streaming rates from 64 kbps to 512 kbps over BGAN and up to 5 Mbps over other IP-based networks
- Recovers lost packets with error correction technologies
- Sets up and transmits in minutes
- Sustains high quality video at low bandwidth
- Use with satellite phones, 3G wireless, and IP based networks
- Video and audio input via direct DV capture
- Store and forward option
- Available on Mac OS® and Windows® platforms

Streambox®
Broadcast Server

Solution Features:

- Deliver multicast streams more efficiently to ACT-L3™ decoders
- High quality, low latency streaming
- Easy to deploy and configure
- Video delivery over any wired or wireless IP-based network
- Compatible with Streambox® ACT-L3™ decoders
- Convert unicast to multicast
- Point-to-multipoint video delivery to decoders and desktop viewers

About Streambox, Inc.

Streambox manufactures a complete line of video transport and newsgathering solutions used by broadcasters, government agencies, and enterprises worldwide.

We provide best-of-class encoding, decoding, and transmission over IP and satellite networks for all real-time and store and forward applications.

Learn more about our products and solutions at www.streambox.com.

Customers Include:

AOL

American Red Cross

Bell Canada

BELO

British Sky Broadcasting

CBS

CNN

Comcast

Department of Homeland Security

DIRECTV

Gannett

Japan Leisure Channel

Media General

MBC Korea

NASA

NBC Universal

NOAA

PCCW

PBS

Time Warner

Tribune

Turner Broadcasting

Univision

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