GoStream®

Streaming Media System

More than just a streaming system.

The GoStream is a powerful, compact streaming system that is designed for lecture capture. Powered by the legend-ary Osprey® technology, this durable system comes with Niagara SCX® v7.3 that includes enhanced audio features for adaptive and non-adaptive encoders. Additional options such as an Osprey audio input card makes the GoStream a good solution for professional studios.

Powerful system

The GoStream comes with a i7-CPU processor that makes this system ideal for lecture capture. Add the Osprey 800a audio input card and add up to four stereo channels of audio.

Reliability at an affordable cost

With no hard disk mechanical dependency, the GoStream provides the reliability that you need for a portable, scalable, highly flexible encoder. This compact unit is perfect for the customer who needs a fast, quiet and affordable system.

Ideal Solutions

> Houses of Worship

> Broadcasters

> Boardroom

> Government

> Network service providers

> Education

Applications

> Lecture capture

> Webcasting

> Mobile TV

> Archiving/Video on Demand

Key Attributes

> Live capture, encoding and streaming for professional-grade digital video and audio delivery

> Configurable video/audio inputs

> Individually brand streams with bitmap overlays (e.g., logos and graphics)

> Web interface and SNMP provide remote setup, control and monitoring

Delivering Video Whenever, Wherever

ViewCast®

GoStream®
Streaming Media System

Back View with
Osprey 820e and 800a cards

Back View with
Osprey 825e and 800a cards

GoStream-H

Video Input:
- 2 x DVI-I
- 2 x HDMI (*HDCP not supported*)
- 2 x VGA/XVGA resolutions up to 1600 x 1200 at 60 Hz
- 2 x Component/composite S-Video

Audio Input:
- HDMI (*2 x 4 stereo pair LPCM*)
- Unbalanced (*1 x stereo*)

Osprey 800a audio input card

Audio Input:
- AES digital audio (2 stereo pair, 2 x XLR)
- SPDIF digital audio (2 stereo pair, 2 x RCA)
- Balanced analog audio (*2 dedicated stereo pair, 4 x XLR*)
- Unbalanced analog audio (*2 stereo pair, 4 x RCA*)

GoStream-S

Video Input:
- 2 x SDI (*BNC x 2*)
  - 3G SMPTE 424 M
  - HD SMPTE 292 M
  - SD SMPTE 259 M

Audio Input:
- Embedded SDI (*4 stereo pair per SDI input*)

Specifications

Encoding Formats:

- Adobe® Flash® H.264*
- Adobe® Flash dynamic streaming
- Apple® HTTP live streaming
- Microsoft® Live IIS Smooth Streaming
- Microsoft® Windows Media® (*Silverlight®*) SD and HD*
- MPEG-4, H.264, H.263
- 3GPP/3GPP2, MP4 container support
- MPEG 2 Transport Stream, H.264 and MPEG 2 codecs

  * *Output streams tested up to 1080p at 30 fps using Flash H.264 and Windows Media*

Monitoring:

- Video streaming presence indicator
- LCD status monitor
- Audio level meter
- Audio headset jack

Video Format:

- SMPTE 259M and 292M SDI standards

Connectivity:

USB ports:
- 6 rear panel, 1 front panel

Ethernet:
- 3 x 1 Gbit ports

Software:

- Niagara SCX® v7.3 or above
- Web-based configuration tool
- Web SDK
- SimulStream®
- SNMP

Hardware:

- Multi-core processors
- SSD (*120 GB*)
- (*Optional*) Solid state hybrid drive (*500 GB/1 TB*)

Pre-Processing:

- Scaling, cropping, de-interlacing, inverse telecine
- CEA 608 closed caption overlay is available on all encoder types (*SD only*).
- CEA 608/708 embedded closed captions only available for HLS, Flash Adaptive, Flash, and MPEG2TS streams. HD and SD CEA 608/708 overlay closed captions is available for all encoder types.

Weight:

- 13 lb (*5.8 Kgs*)

Dimensions:

- 12.25" H x 8.5" W x 5.25" D (*31.1 cm x 21.6 cm W x 13.3 cm D*)

Power:

- 150 W power supply

Additional Contents:

- DVI-I - HDMI and DVI - VGA adapters included
- Component breakout, BNC - RCA adapters, BNC - S-Video cable

Hardware Warranty:

- 1 year limited hardware warranty

ViewCast® Delivering Video Whenever, Wherever

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