

# GoStream<sup>®</sup>

Streaming Media System



*More than just a streaming system.*

The GoStream is a powerful, compact streaming system that is designed for lecture capture. This durable system comes with Niagara SCX<sup>®</sup> 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 optional 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

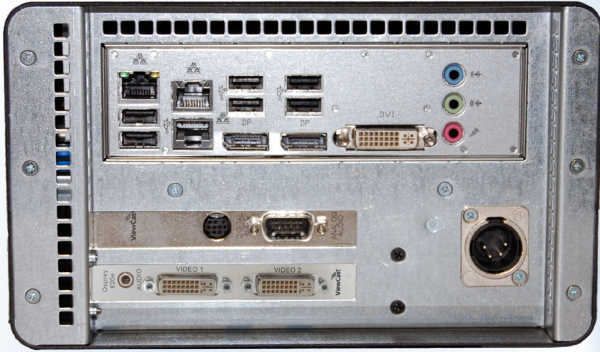
- > Lecture capture
- > Webcasting
- > Mobile TV
- > Archiving/Video on Demand

### Key Attributes

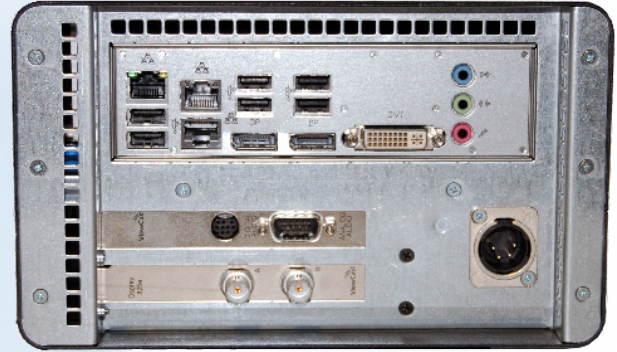
- > Live capture, encoding and streaming for professional-grade digital video and audio delivery
- > Configurable video/audio inputs
- > Individually brand streams with bitmap overlays (e.g., logos and graphics)
- > Web interface and SNMP provide remote setup, control and monitoring

# 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:                    | Ethernet:          |
| • 6 rear panel, 1 front panel | • 3 x 1 Gbit ports |

### Software:

- |                                |           |
|--------------------------------|-----------|
| • Niagara SCX® v7.3 or above   | • Web SDK |
| • Web-based configuration tool | • 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

