GoStream® Digital

Streaming Media System

More than just a streaming system.

The GoStream Digital is a powerful, compact dual channel streaming appliance that is designed for a wide variety of IP video applications. This durable system comes with Niagara SCX® web-based software application that allows for easy setup and management of encoders and streams. Additional audio & video input options make the GoStream a perfect solution for almost any professional studio or video facility.

Two models

The GoStream Digital dual channel encoders can be configured with 2 SDI inputs or 2 DVI-I inputs. The DVI-I inputs can accomodate a wide range of video inputs; composite, component, DVI, HDMI and VGA.

Reliability at an affordable cost

With solid-state storage technology, the GoStream provides the reliability that you need for a portable, scalable, highly flexible encoder. This compact unit is perfect for applications that require a fast, quiet and affordable system.

Ideal Solutions

> Broadcasters

> Houses of worship

> Boardroom

> Government

> Network service providers

> Education

Applications

> Remote streaming

> Webcasting

> Mobile TV

> IPTV

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

Niagara Video Corporation

Delivering Video Whenever, Wherever

GoStream® Digital
Streaming Media System

Back View (GoStream-Ha)

Back View (GoStream-Sa)

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*)

Audio option (Ha or Sa)

Additional 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 (HLS)
- 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®
- Web-based user-interface
- SNMP

Hardware:
- Multi-core processor
- 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

RoHS compliant

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