

Niagara® GoStream® SURF

Streaming Media System

The most powerful portable streaming system.



The Niagara GoStream SURF was designed with a combination of simplicity, portability and power. It's a great way to quickly stream live events over the Internet, as well as live streaming to mobile digital devices. This portable system is well-suited for the streaming needs of broadcasters, corporations, government entities, telcos and ministries.

Simple yet powerful.

The Niagara GoStream SURF comes standard with Niagara Media's exclusive architecture, featuring simple A,B,C button selection of your favorite encoder profiles. With a portable, streamlined chassis, intuitive front panel controls, and system menu, streaming set-up is quick and easy. Select any encoder profile with the push of a button, then press Stream to start broadcasting over the Internet immediately.

Self-contained system.

It also includes Niagara SCX® management software so you can control all of its key features remotely, through an easy-to-use web interface.

There's no need for a keyboard, monitor or mouse – it's a self-contained system built with the durability to withstand demanding environments. Niagara has made streaming easy from virtually any location.

Niagara SCX® enables monitoring and control of multiple, remote or distributed streaming encoders throughout an enterprise or across the Internet. You can stream MPEG2 or H.264 video in multiple formats, resolutions and bit rates to set top boxes, mobile devices and computers.

This system supports multiple concurrent streams in a variety of formats, at multiple bit rates, from a single video source – all simultaneously.

Ideal Solutions

- > Broadcasters
- > Enterprise
- > Government
- > Education
- > Network service providers

Applications

- > Live sports
- > Webcasting
- > Podcasting
- > Mobile TV

Key Attributes

- > Portable, powerful, compact and durable for on location streaming in demanding environments
- > Captures, encodes, streams and archives digital video and audio in full resolution
- > Enables customized streams with bitmap overlays to brand your logo or graphics to your stream
- > Single interface provides setup and control of multiple streams
- > Built-in front-panel LCD screen with control buttons and audio signal level display
- > Self-contained unit – no mouse, monitor or keyboard required
- > Front-panel A,B,C buttons activate one-touch, pre-programmable streaming profiles

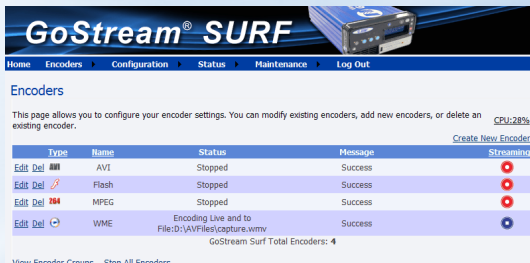
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Niagara SCX with Web Interface

The Niagara GoStream SURF appliance is pre-configured with Niagara SCX remote management software. All you need is web browser access from your PC to control and configure any Niagara GoStream SURF streaming media appliance.



This web-based user interface allows you to browse to any Niagara GoStream SURF on a LAN or WAN and manage the entire system configuration. Using the web interface, you can:

- Create, modify and delete encoder profiles.
- Start and stop individual encoders.
- Pre-configure and assign encoder profiles to A, B, C buttons.
- View and manage encoder log files and entries.
- Modify system network configuration settings (network name, IP configuration).

Encoding Formats:

- Adobe® Flash® H.264
- AVI capture to file
- H.263
- Microsoft® Windows Media® (Silverlight®)
- MPEG2 TS, MPEG2 and H.264 codecs
- MPEG-4 Part 2, H.263, and H.264
- Single Program Transport Stream (RTP or UDP)
- 3GPP/3GPP2, MP4 container support

Monitoring:

- Video presence indicator
- LCD display monitor
- Audio level meter
- Audio headset

Inputs:

- Video:
- Component (3 x BNC)
 - Y/C (S-Video) (2 x BNC, mini-DIN, adapter included)
 - Composite (1 x BNC, RCA adapter included)

Audio:

- Balanced stereo (2 x XLR)
- Unbalanced stereo (2 x RCA)

Video Format:

- NTSC/PAL

Connectivity:

USB Ports:

- 1 rear panel, 1 front panel

Ethernet:

- 2 x 1 Gbit ports

Software:

- Niagara SCX® with web interface
- SimulStream®

Hardware:

- Multi-core processor
- SATA HDD (120 GB or larger)

Pre-Processing:

- Scaling, cropping, de-interlacing, inverse telecine
- closed-caption rendering

Weight:

- 7 lbs (3.2 Kgs)

Dimensions:

- 4.5" H x 8" W x 12" D (11.43 cm H x 20.32 cm W x 30.48 cm D)

Power:

- 60 W power supply
- AC - Standard cord
- DC - Flex Dock Interface

Package Contents:

- RCA and mini-DIN adapters
- Rugged carrying case

Hardware Warranty:

- 1 year limited hardware warranty



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