Niagara® 2200

Streaming Media System

Expand your audience through the power of streaming video.

The Niagara 2200 offers uncompromised quality and simplicity of operation in a compact, low-cost streaming solution. At the size of a half rack, the system supports a wide number of encoding formats for a variety of applications.

Uncompromised quality.

You can count on the same highly reliable performance demanded by others who use Niagara Media technology, including the world's leading broadcasters and content delivery networks.

The Niagara 2200 allows even non-technical personnel to stream high-quality live video. Its built-in web interface simplifies system setup and operation, allowing complete system control from anywhere on the network. Just set your streaming parameters from the intuitive web interface and you can begin streaming in multiple resolutions and bit rates with a single push of the front panel Stream button.

Maximize your audience.

You can stream MPEG2 or H.264 video in multiple formats, resolutions and bit rates to set top boxes, mobile devices and computers. It's the ideal low-cost, easy-to-use solution to help you expand your audience in the digital media marketplace.

Ideal Solutions

> Corporations

> Government

> Ministries

> Network service providers

Applications

> PEG Channels

> LAN video distribution

> Internet Streaming

> Mobile TV

Key Attributes

> Includes the most popular formats - Flash, Windows Media and MPEG2 TS

> Easy-to-use web interface for system control and management

> One-button activation of multiple, pre-programmable streaming profiles

> Powerful, compact appliance for rack mount or portable applications

> Simultaneously streams multiple formats and resolutions at multiple data rates

> Component, Y/C (S-Video), composite video inputs, balanced and unbalanced stereo audio inputs

> Front display of audio, stream start, video present and alarms

> Includes Niagara SCX® software for setup, control and monitoring

> Self-documenting Niagara SCX® SDK

Delivering Video Whenever, Wherever

Niagara

Niagara® 2200

Streaming Media System

Niagara 2200 front view

Niagara 2200 back view

Niagara 2200 Encoder Properties Window

The built-in web interface of the Niagara 2200 simplifies system setup and operation. Simply set your streaming parameters from the intuitive web interface and you can begin streaming in multiple bit rates and resolutions with the push of a button.

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

Monitoring:
- Stereo audio headset
- Video presence indicator
- Audio level meter

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 Formats:
- NTSC/PAL

Connectivity:
USB Ports:
- 1 front panel, 1 rear panel

Ethernet:
- 2 x 1 Gbit

Software:
- Niagara SCX® with web interface
- SimulStream®

Hardware:
- Multi-core processor
- SATA HDD (*120 GB*)

Pre-Processing:
- Scaling, cropping, de-interlacing, inverse telecine, closed-caption rendering

Weight:
- 4.9 lbs (*2.2 Kgs*)

Dimensions:
- 7.5" W x 11.5" L x 1.75" H (*19 cm W x 29.2 cm L x 4.45 cm H*)

Power:
- 12 V DC (*AC to DC adapter included*)
- 60 W power supply

Package Contents:
- RCA and mini-DIN adapters

Hardware Warranty:
- 1 year limited hardware warranty

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