

FEATURES

- ▷ 1 RU server with 2 NIC ports
- ▷ Browser based GUI management
- ▷ Low power consumption
- ▷ Wide range of input options

APPLICATIONS

- ▷ Broadcasters
- ▷ Schools
- ▷ Corporations
- ▷ Government
- ▷ Streaming to CDNs; YouTube, FaceBook, etc.
- ▷ Recording streams



The Niagara 8000N series is a lower cost, highly reliable family of video encoders. These use the legacy SCX software to enable a wide range of applications including PEG channels for AT&T and Frontier Communications.

The web based GUI is very intuitive and we also create common configurations to get you up and running quickly. The more information we get the more set up we can do for you!



Model 8000N-H1 (Single HDMI input)



Model 8000N-H2 (Dual HDMI input)



Model 8000N-S1 (Single SDI Input)



Model 8000N-S2 (Dual SDI input)



Model 8000N-SD (Adapter cable supports; component, composite, Balanced and Unbalanced audio)



TECHNICAL SPECIFICATIONS

Video/Audio Interfaces

Video Inputs	SDI, HDMI, Composite/Component
Audio Inputs	Embedded, XLR/RCA for SD Model

Encoding Formats

	Adobe® Flash® H.264 (RTMP) Apple® HTTP Live Streaming (HLS) Not SD model MPEG 2 Transport Stream (UDP or RTP) Windows Media (support for Uverse PEG)
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Pre-Processing

	Adaptive de-interlacing
	Video cropping and rescaling
	Frame rate down-conversion
	Logo & Slate insertion
	Closed-caption support

Storage & Network Interfaces

Networking port	Dual Gigabit Ethernet ports
Connectors	2x RJ45
External storage	500GB SSD

Control and Management

Type	10/100/1000 Base-T Gigabit Ethernet
Features	Element control through HTTP/WEB SNMP traps for integration with Network Management System (NMS)
Protocol	HTTP, SNMP v2 traps
Connector	RJ45
USB Ports	2

Power

Input Voltages	120-240 VAC
Typ. Input Current	Single 300W AC PS
Frequency	50, 60 Hz

Mechanical/Environmental

Chassis	1 RU, 19"x1.75"x 9.84"
Installation	19" 1 RU rack mount

Software

	SCX (Windows version)
	Web API

ORDERING INFORMATION

Part #	DESCRIPTION
8000N-H1	SCX Linux encoder with 1 HDMI input
8000N-H2	SCX Windows HD encoder with 2 HDMI inputs
8000N-S1	SCX Windows HD encoder with 1 SDI input
8000N-S2	SCX Windows HD encoder with 2 SDI inputs
8000N-SD	SCX Windows SD encoder, composite, component, bal/unbal audio inputs