Niagara Mini 150 Encoder   Data Sheet

NEW!
Now with H.264 and H.265 codecs

The NEW Niagara Mini 150 is a flexible, low-cost encoder with a wide variety of video inputs and support for common IP output protocols using H.264 or H.265 (HEVC) It can also de used for file play out.

Applications indude:

- Broadcast Streaming (Support for popular decoders)
- Cable PEG Feeds (Support for legacy H.264 video and AC-3 audio encoding)
- Internet streaming (UDP, RTSP, RTMP, RTMPS, HLS)
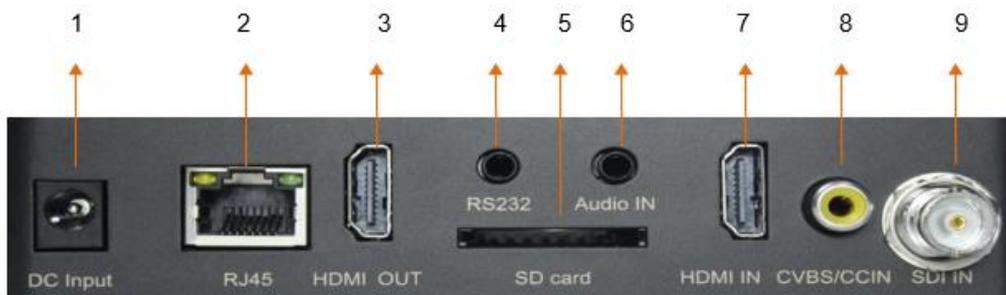- IP distribution (Unicast and Multicast)
- Record while streaming

Typical markets where this encoder fits are broadcast, cable, enterprise, government and education. The small form factor and low power consumption make this encoder versatile for usage in many physical locations.

Inputs include:

- SDI
- HDMI
- Composite
- Unbalanced audio
- SD memory (File playout and Recording)

Niagara
Video Corporation

Niagara Mini 150 Encoder   Data Sheet

Specifications	
Model	Go Stream Mini 150
Max. FPS	60/50fps @ 1920x1080p
Recording Mode	Hardware Compression, Real-Time Mode

Input Interfaces	**Video**
	1 x BNC for 3G / HD / SD-SDI
	RCA for composite video
	1 x HDMI
	Audio
	1xStereo audio through
	  2x RCA for Analog L/R audio (input jack)
	  SDI/HDMI embedded audio

Video Specs	H.264/AVC; Base/ Main / High Profile H.265 Configurable bit rate up to 12 Mbps

Audio Specs	Dolby Digital (AC-3) and MPEG-1 Layer II
	  Sample rate: 48 kHz
	AAC-LC
	  Configurable bit rate range from 32Kbps to 384Kbps
	  Sample rate : 44.1 KHz

Network Interface	1x RJ45 for 10/100Mbps Ethernet DHCP client or Static IP WiFi
Closed captions	Support for 608 and 708 External input support for 608 via RCA (composite video)
Streaming Protocols	TS over RTP/UDP (unicast & multicast) RTMP (Adobe Flash) and RTMPS for FaceBook Live HLS RTSP
Management	Web UI for system configuration Front panel controls with LCD
Recording and Playout Formats	TS, MP4, MOV
System Requirement	
Power	DC 12V (With AC Adapter), 9 Watts Maximum
Operating Temperature	10 to 40 degrees Centigrade
Humidity	Less than or equal to 95 %

1. Power, 2. Ethernet, 3. HDMI Out, 4. RS232, 5. SD Card, 6. Audio input, 7. HDMI Input, 8. Composite video/608 CC input, 9. 3G SDI Input