



Features Comparison Chart

		Niagara 2200	Niagara 4100	GoStream SURF	Niagara 9100	Niagara 9100-2IP	Niagara Pro II	Niagara 7550
Physical	Form Factor	Portable/Rack Mount			Rack Mount			
	Weight	4.9 lbs.	7 lbs.	7 lbs.	41 lbs.	41 lbs.	35 lbs.	35 lbs.
	A/V Channels	1	1	1	Varies by model		2	1
Video Inputs	Dimensions	1.75Hx7.5Wx11.5D	4.5Hx8Wx12D	4.5Hx8Wx12D	1RUx17Wx25.6D	1RUx17Wx25.6D	2RUx17Wx23D	2RUx17Wx22.5D
	Composite BNC	1	-	1	8 (model 8A) 4 (model 4A)	-	2	-
	Component BNC	1	-	1	4 (model 4AV)	-	-	-
	S-Video or Y/C	1	-	1	4 (model 4AV)	-	2	-
	SDI	-	1 (SD/HD)	-	2 (model 2D)	-	2 (SD)	1 (SD/HD)
Inputs	Test Signal Feed BNC	-	-	-	-	-	1 (Channel switchable)	-
	UDP/IP	-	-	-	-	•	-	-
Video Monitoring	Composite RCA	-	-	-	-	-	2	-
	Video Presence Indicator	1	1	1	-	-	-	1
	Built-in Video Monitoring Display	-	-	-	-	-	1	1
	SDI Monitor	-	1	-	2 (model 2D)	-	-	1
Audio Inputs	Unbalanced RCA	1 Pair	1 Pair	1 Pair	8 Pair (model 8A)	-	Adapters Included	2 Pair
	Unbalanced BNC	-	-	-	-	-	2 Pair	-
	Balanced XLR	1 Pair	1 Pair	1 Pair	4 (model 4AV)	-	4 Pair	2 Pair
	AES/EBU	-	2 Pair	-	-	-	2 Pair	2 Pair
	Embedded SDI	-	8 Pair	-	16 Pair (model 2D)	-	4 Pair	8 Pair
Audio Monitor Out	Stereo Headphone Connection (3.5mm)	1	1	1	-	-	1 (Channel switchable)	1
	Unbalanced Stereo Line Level (RCA)	-	-	-	-	-	2 Pair	-
Video Input Signal	SDI SMPTE Standard	-	SD/HD	-	SD/HD (model 2D)	-	SD	SD/HD
	NTSC (M/M-J)	•	-	•	-	-	•	-
	PAL (B/D/G/H/I)	•	-	•	-	-	•	-
	SECAM(B/D/H/K/K1/L/L1)	•	-	•	-	-	•	-
Video Preprocessing	Deinterlace	•	•	•	•	-	•	•
	Gamma Correction	•	•	•	•	-	•	•
	Tuning Utilities (Vectorscope/Waveform)	•	•	•	•	-	•	•
	Cropping	•	•	•	•	-	•	•
	Scaling	•	•	•	•	-	•	•
	Bitmap Overlay	•	•	•	•	-	•	•
	Proc Amp (Bright, Contrast, Hue, Color)	•	•	•	•	-	•	•
Audio Preprocessing	HW Gain With Attenuation	•	-	•	(model 8A)	-	•	-
VBI	Closed Caption Extraction & Overlay	•	SD only	•	•	-	•	SD only
	Closed Caption to Text Output	•	-	•	(model 8A)	-	•	-
Video File and Streaming Formats	MPEG2 TS, MPEG2, H.264	•	-	•	•	•	-	-
	Microsoft® Windows Media® (Silverlight®)	•	•	•	•	•	•	•
	Adobe® Flash® File (H.264)	•	•	•	•	•	•	•
	AVI	-	-	•	•	-	•	-
	MPEG-4 Part 2	•	•	•	•	•	•	•
	MPEG-4 Part 10 (H.264)	•	•	•	•	•	•	•
	H.263	•	•	•	•	•	•	•
	Adobe® Flash® H.264	•	•	•	•	•	•	•
	Apple® HTTP live streaming	-	•	-	•	•	•	•
	Adobe® Flash® dynamic streaming	-	•	-	•	•	•	•
	Microsoft® Live IIS Smooth Streaming	-	•	-	•	•	•	•
3GPP/3GPP2, MP4 container support	•	•	•	•	•	•	•	
Audio Formats	Microsoft® Windows Media®	•	•	•	•	•	•	•
	AVI	-	-	•	•	-	•	-
	AAC	•	•	•	•	•	•	•
	HE-AAC v1 & v2	•	-	-	•	•	-	-
Supported Input Resolution	SD Up to Full Resolution	•	•	•	(model 8A)	-	•	•
	HD Up to 1080i 59.94	-	•	-	(model 2D)	-	-	•
Software Included	Niagara SCX	•	•	•	•	•	•	•
	Web Interface	•	•	•	•	•	•	•
	SimulStream	•	•	•	•	-	•	•
	SDK	•	•	•	•	•	•	•
Power	AC	-	-	100-240 VAC	100-240 VAC	100-240 VAC	100-240 VAC	100-240 VAC
	12v DC	AC Adapter*	AC Adapter*	-	-	-	-	-
Compliance	FCC 47CFR Part 15 Class A	•	•	•	•	•	•	•
	CE Mark	•	•	•	•	•	•	•
	UL Listed	•	•	•	•	(CSA Listed)	•	•
LAN Port	Gigabit Ethernet	2	2	2	2	2	2	

Specifications subject to change without notice

*AC Adapter Included