

This chart provides a quick overview of each system's features and pricing. Click on the system model number for more detailed information about that configuration. ViewCast also offers customized system configurations.

Contact us for custom system pricing and availability.

Niagara Encoder Comparison Chart  System Model Number		4100 Series Rack-mount One Channel		4200 Series Rack-mount 2-Channel		PowerStream Rack-mount 2-Channel		NiagaraMAX Portable 2-Channel	PowerStream Pro Rack-mount 2-Channel
		4112	4115	4222	4229	5222	5225	4929ARW	6225
Number of Video Inputs	Composite (BNC)	1	1	2	2	2	2	2	2
	S-Video (mini- DIN) SDI (BNC)	1	1	2	2	2	2	2	2
	w/embedded audio		1		1		2	1	2
	DV Video (IEEE 1394)		1		1		2	1	2
Number of Video Outputs	Composite (RCA)		1		1		2	1	2
	S-Video (mini- DIN)		1		1		2	1	2
Video Formats	NTSC/PAL	$\sqrt{}$	V	V	v	V	v	√	V
Video Processing	HW scaling & cropping Color space	V	V	V	V	V	v	V	V
	conversion	V	V	V	V	V	V	V	√
	Bitmap overlay	√	√	√	√	√	V	√	V
Number of Stereo Audio Inputs	Unbalanced stereo line level	1	1	2	2	2	2	2	2
	Balanced stereo (2 x XLR)	1	1	2	2	2	2	2	2
	Embedded SDI audio (BNC)		1		1		2	1	2
	DV audio (IEEE 1394)		1		1		2	1	2
	AES/EBU (XLR)		1		1		2	1	2
Audio Loopback	Unbalanced stereo 3.5 mm Unbalanced	1	1	2	2	2	2	2	2
	stereo RCA		1		1		2	1	2
Audio Processing	32, 44.1, 48kHz Sampling	$\sqrt{}$	V	V	V	V	V	V	V
	HW gain and attenuation	$\sqrt{}$	V	V	V	V	v	√	V
Encoding Software	Real Producer Plus	$\sqrt{}$	V	V	V	V	V	V	V
	Windows Media Encoder	$\sqrt{}$	V	V	V	V	v	√	V

Niagara Encoder Comparison Chart		4100 Series Rack-mount		4200 Series Rack-mount		PowerStream Rack-mount		NiagaraMAX	PowerStream Pro
								Portable	Rack-mount
		One Channel		2-Channel		2-Channel		2-Channel	2-Channel
System Model Number		4112	4115	4222	4229	5222	5225	4929ARW	6225
Software Bundle	SimulStream	1		2	1	2		1	
	Digital SimulStream		1		1		2	1	2
	Niagara SCX	1	1	1	1	1	1	1	1
System Specs.	Chassis	1RU	1RU	2RU	2RU	2RU	2RU	Portable	2RU
	Operating System	XP Pro	XP Pro	XP Pro	XP Pro	XP Pro	XP Pro	XP Pro	XP Pro
	Hyper-Threading	,	,	,	,	,	,	,	
	Technology	√	√	√	√	√	√	√	N/A
						Dual	Dual		Dual
	CPU Processor	P4	P4	P4	P4	Xeon	Xeon	P4	Opteron DualCore
	Processor Speed	3.0GHz	3.0GHz	3.0GHz	3.0GHz	3.0GHz	3.0GHz	3.2GHz	2.xGHz
	Processor Cache	1 MB	1 MB	2 MB	2 MB	2 MB	2 MB	2 MB	2 MB
	Memory	512MB	512MB	512MB	512MB	1GB	1GB	1GB	1GB
	HD Storage	160GB	160GB	160GB	160GB	320GB	320GB	120GB	80GB
						SATA	SATA		SATA
	HD Interface	SATA	SATA	SATA	SATA	RAID	RAID	SATA	RAID
	CD-RW Drive	-		$\sqrt{}$	V	V	v	$\sqrt{}$	-
		1RU	1RU	1RU	1RU	1RU	1RU	Cables	Direct-Connect
	Breakout Input Connector	Panel	Panel	Panel	Panel	Panel	Panel		Rear-panel
Compliance	FCC 47CFR Part 15 Class A	$\sqrt{}$	√	√	√	V	V	√	$\sqrt{}$
	CE Mark	$\sqrt{}$	√	√	√	V	√	√	V

If you need help finding the Niagara system that's right for you, contact us at info@viewcast.com or call 972.488.7200 for assistance.

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