Vista Spyder

Broadcast
Command and control
Corporate
Entertainment
Houses of worship
Rental and staging

Choice. Control. Flexibility. Just what every integrator wants.

Want the same impressive video processing capabilities of major show productions without the expense? Get the Vista Spyder video processor from Christie. Then get creative. Spyder's compact modular design gives you the options, versatility and power to make it easy. Manipulate a virtually limitless variety of inputs through a single output. Stretch a single 1080i input across three or more projectors for a seamless widescreen display, or do almost anything in-between, and that's just for starters.

The Spyder gives you total control and flexibility, so you can mix an incredible number of sources in multiple windows, create all kinds of Picture-in-Pictures (PIPs), define, shape and blend borders with remarkable ease, and do it all without a hitch, every single time. What kind of input do you have? HD, DVI, Analog RGB, SDI, HD-SDI, Analog Beta Cam – Spyder has not met a source it does not like. Name it and you're mixing, animating, manipulating and projecting it.

CHRISTIE®

The power and flexibility of Vista Systems' video switchers and real-time windowing and composition products combined with the power, performance and reliability of award-winning Christie projection systems ensures that whatever you visualize, your Christie solution can display it. Vista's switchers have become the industry standard for live multiple-destination video and data mixed signal switching.

Modularity allows you to mix and match

Perhaps the best thing about the Spyder system is its incredible versatility. Between the 200 and 300 Series, there are 23 different models to choose from, all of which are compatible and configurable with each other. You can create almost any size system you need, depending on your budget, and the demands of your application. Choice is the operative word –made possible through the modular design that allows you to link together the optimum number of inputs, outputs and processors.

With processing this easy, everyone will be doing it

Spyder's intuitive user interface allows you to perform even the most complex tasks with simplicity and ease. Start by building virtual pixel spaces that represent a display or multiple displays.

Mix any input anywhere on any display and create a variety of motion effects and controls using simple keyframes to plot the movement. While you're at it, create any kind of window border or drop shadow with adjustable color, width, softness, shadow offset and transparency. It is easy!

And, we haven't even mentioned Spyder's wide-screen capabilities. Outputs – which can be projectors, LED walls, video walls, recording devices, operator monitors, and the like – can overlap horizontally or vertically with 10-bit edge blending and user-definable blend regions that define the words "seamless" and "awesome."

Choose your Spyder

Whether you are a novice or a seasoned pro, there is a Spyder made just for you. Choose your market – broadcast, command and control, corporate, entertainment, house of worship or rental and staging. Check out all the models, configurations and features available.

Every Spyder frame model has a simple code to identify it's capability.

The first number defines series, 200 or 300, the second number is the number of universal inputs and the third number is the number of outputs.

▼ Christie projectors and Vista Spyder in perfect blend for BBC Sport's new Walk-in World Programmes such as Match of the Day, Match of the Day 2, Football Focus, Score, Inside Sport and the World Athletic Championships in Osaka are produced from this studio.

The centerpiece of the new environment is a giant, 22-meter-long curved projection screen where, the continuous image is created by a seven-projector blend. The seven networked Christie DS+8K projectors, each fitted with a 0.67:1 HD fixed lens and a Christie Twist™ module, were selected to create the perfect projection backdrop.

The background composition is provided by a three-output HD-SDI feed from the 1080i client media servers. These are controlled by a Spyder using the Vista Sourcemaster control unit. The signals are then sent from the Spyder to the projectors via a 50-meter DVI-D fiber source feed from a 10 in/10 out Spyder system in the first floor control room.

Spyder 200 series models		
Model 207	inputs	7
Model 213	inputs	1
	outputs	3
Model 222	inputs	2
	outputs	2
Model 225	inputs	2
	outputs	5
Model 231	inputs	3
	outputs	1
Model 234	inputs	3
	outputs	4
Model 240	inputs	4 expansion processor
Model 204	outputs	4 expansion processor
Spyder 300 series models		
Model 317	inputs	1
	outputs	7
Model 326	inputs	2
	outputs	6
Model 335	inputs	3
	outputs	5
Model 344	inputs	4
	outputs	4
Model 3410	inputs	4
	outputs	10
Model 3413	inputs	4
	outputs	1 universal
	DX4 card	3
Model 353	inputs	5
	outputs	3
Model 359	inputs	5
	outputs	9
Model 362	inputs	6
	outputs	2
Model 365	inputs	6
	outputs	5
Model 368	inputs	6
	outputs	8
Model 371	inputs	7
	outputs	1
Model 374	inputs	7
	outputs	4
Model 308	outputs	8 expansion processor
Model 380	inputs	8 expansion processor

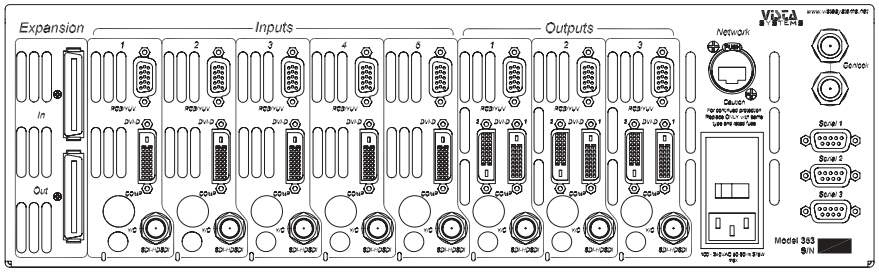
Expansion and Composite/S-video available on all models.

		Spyder 200 Series	Spyder 300 Series
Input	standard optional	• Universal input, HD15, Dual-link DVI-D, HDSDI/SDI • Analog Composite BNC, S-video	
	signals	• Analog RGB, RGBS, RGsB, YUV, composite, component • DVI, single-link and dual-link • SDI, HD-SDI	
	pixel clock	• Analog up to 165MHz • DVI up to 210MHz	
	resolutions	• Up to 2048 x 1200 on analog and 2048 x 1536 on DVI-D	
	scan rates	• Up to 120Hz dependant on pixel clock rate maximum	
Output*	standard optional	• Universal output, HD15, Dual-link DVI-D (X2), HDSI/SDI • Analog Composite BNC, S-video	
	signals	• Analog RGB, RGBS, RGsB, YUV, composite, component • DVI, single-link and dual-link • SDI, HD-SDI	
	pixel clock	• Analog up to 165MHz • DVI up to 210MHz	
	resolutions	• Up to 2048 x 1200 on analog and 2048 x 1536 on DVI-D	
	scan rates	• Up to 120 Hz dependant on pixel clock rate maximum	
Control and networking		• RS-232 in/out • Ethernet (10/100)	
Enhanced feature sets		• Output rotation feature on DX4 output cards only • 2 out of 4 outputs available only with rotation	
Accessories	standard	• User manual (CD-ROM and quick manual) • AC power cord • control software • rack hardware	
	optional	• Remote CPU for secure environments	
Power requirements	operating voltage	• 100 - 240 VAC @ 50/60Hz	
	max current	• 3.0A @ 100 VAC	• 5.0A @ 100 VAC
	max power	• 225W	• 375W
	dissipation	• <500 BTU/hr	
Dimensions	size	• 2RU	• 3RU
	dimensions	• (LxWxH) 22.1 x 17.3 x 3.5" (561 x 439 x 89mm)	• (LxWxH) 22.1 x 17.3 x 5.3" (561 x 439 x 134mm)
	shipping dimensions	• (LxWxH) 26.8 x 22 x 10.3" (681 x 559 x 262mm)	• (LxWxH) 26.8 x 22 x 10.3" (681 x 559 x 262mm)
	volume	• 1338 cubic in	• 2026 cubic in
	weight	• 25lb (11kg)	• 33lb (15kg)
	shipping weight	• 38lb (17kg)	• 45lb (20kg)
Operating environment		• Temperature: 5-35° C (40-95° F) • Humidity: 20-80% non-condensing	
Regulatory		• This product conforms to the following regulations related to product safety, environmental requirements and electromagnetic compatibility (EMC): • UL/CSA/IEC 60950 (3rd Edition) • FCC Class A, CE, CCC • RoHS, WEEE	
Limited warranty		• 1 year parts and labor • Contact an authorized Christie representative for full details of our limited warranty	

* 24p. NTSC, PAL, and SECAM frame rates supported

Using a Spyder 353 as an example:

Using a Spyder 353 as an example: 3 – 300 series, 5 – five universal inputs, 3 – three universal outputs



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ISO 9001 QMI REGISTERED

ISO 14001 QMI REGISTERED

For the most current specification information, please visit www.christiedigital.com

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