

A worthy heir apparent has finally arrived



SPIRIT
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The All-New Spirit Scanning Family

As the world leader in post-production technologies, products, and services for the emerging digital film market, Grass Valley offers a fully integrated, resolution-independent, digital approach that lets you choose just the right production path to help you realize your creative vision.



The New Spirit Family Spirit 2K and Spirit 4K Scanner and DataCine

The new Grass Valley™ Spirit scanners and telecines offer the ideal support of a variety of post-production workflows. Our fully integrated, resolution-independent, digital approach lets you choose the right production path to help realize your creative vision.



The Spirit 4K system is a high performance film scanner and DataCine ideal for Digital Intermediate, Commercial, and Telecine applications.

Our Spirit 2K DataCine® supports telecine and high-speed film scanning applications and offers native 2k real-time scanning functionality. With a scan resolution of 2,048 pixels per line, it is based on the same technology platform as our Spirit 4K DataCine

Spirit 2K and Spirit 4K

The Spirit family offers the most sophisticated film-to-video scanning available today, supporting multi-format digital standards. In fact, its native RGB scanning and processing provide video images at an unsurpassed level of quality.

Each of the members of the Spirit family features a full complement of key features, including zooming, panning, rotation, contour correction of images, and several presets for different film formats as well as a reference store with a split-screen capability — enabling you to offer high-performance standard-definition (SD) and high-definition (HD) services.

Enabling you and your capital budget and planning cycles as much flexibility as possible, the Spirit 2K system is field-upgradeable to a full-featured Spirit 4K system.

Feature	Spirit 2K	Spirit 4K
Resolution	SD, HD, 2k	SD, HD, 2k, 4k
Bit depth on output	8-10 Bit	8-16 Bit
Uncoupled primary color correction	—	X
VistaVision resolution	1.5x1 K-3x2 K	1.5x1 K-6x4 K
Auto Dmin		
Dmax detection	Optional	Included
Autofocus	Optional	Included

Transfer Speed

The all-new Spirit 2K and the highly regarded Spirit 4K systems are capable of extremely high scanning speeds to meet the unpredictable and exacting demands of your post environment. With real-time 2k scanning, you'll be up and running, even if the wrong roll or timecodes are scanned.

Picture Quality

With the Eastman-Kodak advanced imaging sub-system on board, you can reach the highest degrees of color separation and reproduction. This system features high-power xenon illumination, custom precision optics, optical matching for print, negative, and intermediate stocks, and optical gain control.

Reliability

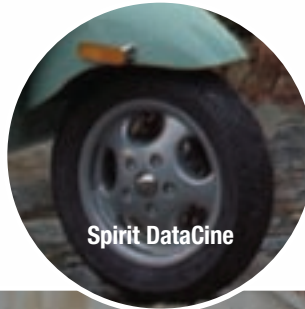
With a legacy of reliability in world-class scanners, including the Spirit DataCine, which revolutionized high-end post production, the new Spirit family not only provides innovation, but practicality and uncompromised quality.



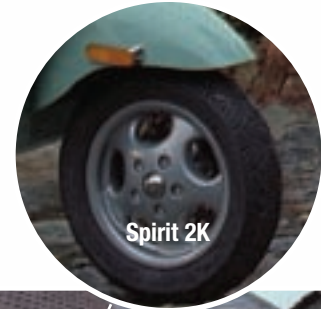
See what happens when you take state-of-the-art and make it better

Believe In What You See

The following images were scanned in HD to compare the Spirit DataCine and Spirit 2K systems. The Spirit DataCine has been the state-of-the-art telecine and film scanner for almost a decade. What you see from the new Spirit 2K system is superb color separation, excellent grain definition, and a best-in-class overall texture reproduction that allows you to believe in what you see.



Spirit DataCine



Spirit 2K



Spirit DataCine

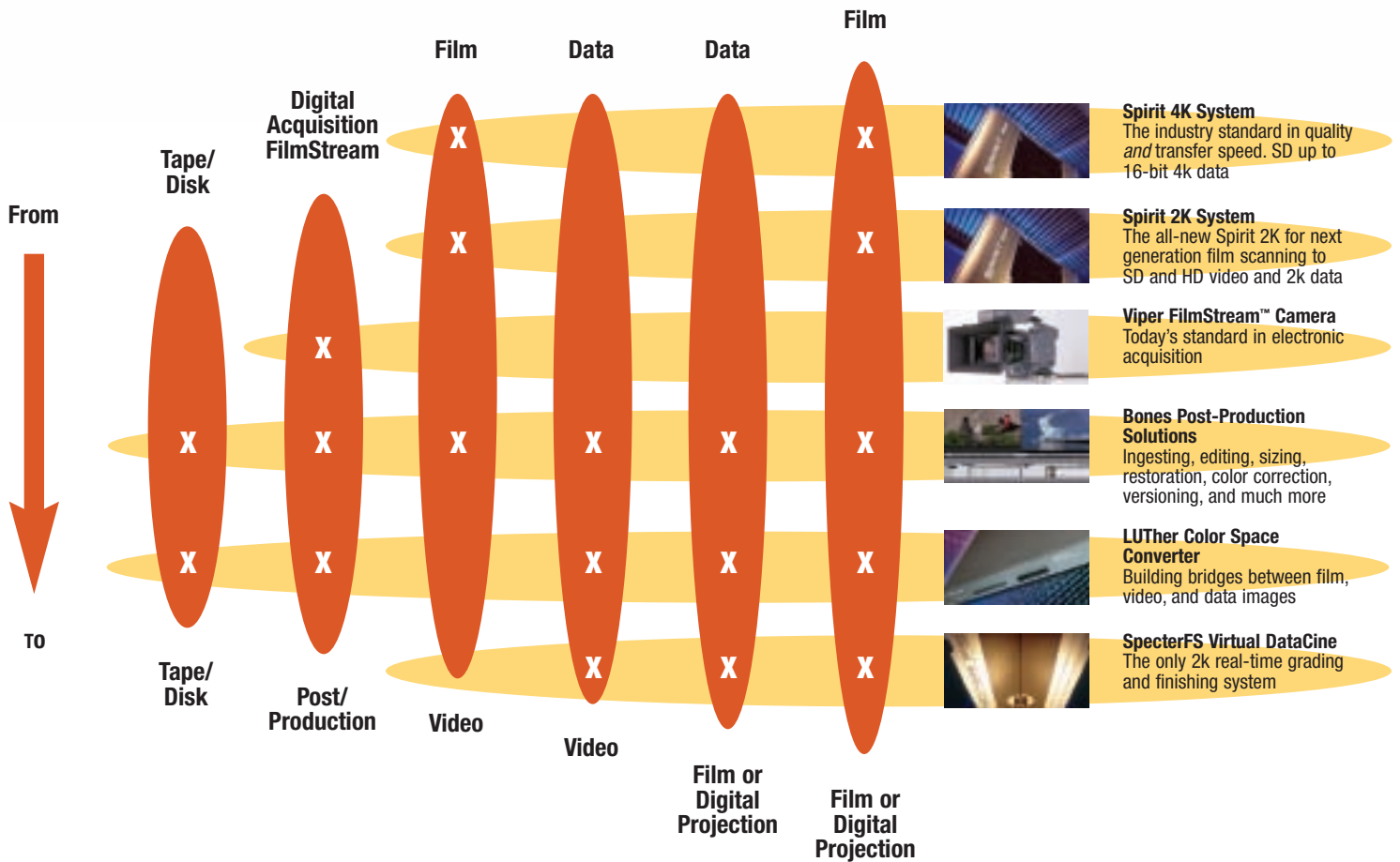


Spirit 2K





Supporting your workflow requirements — today and tomorrow.



SPECTER FS VIRTUAL DATACINE

The time you save working with the Specter FS virtual DataCine is tremendous, if you already have an EDL you are saving 40 to 50 percent. Even without an EDL you will save 25 percent in a session.

—Joe Bottazzi, Nice Shoes, New York

SPIRIT 4K

Digital Intermediate Workflow is made possible with the scanning speed and the quality of the Spirit 4K System. We tested many other scanners, but the Spirit 4K was head & shoulders above the rest. The exceptional quality of the 4k image allows us to capture the brilliance of the negative. With the scanning speed of the Spirit 4K it makes 4k scanning for the entire Digital Intermediate a walk in the park. It gives us the flexibility to surpass our clients' very aggressive finishing deadlines.

—Rip O'Neil, Duboi, Paris

LUTher COLOR SPACE CONVERTER

With the LUTher I can be 100 percent sure the colorist is really seeing the final printed result in his grading room when doing color correction. With the open file format we can feed the LUTher with the LUT of whatever calibration tool we want to use. It offers the biggest flexibility in class.

—Bill Feightner, EFilm, Hollywood

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