

SKYVIEW

Government Applications

Kirtas Technologies' high-resolution, digital imaging systems have been custom designed with preservation in mind. From oversized books and newspapers to ancient, fragile manuscripts, Kirtas systems deliver high quality images to meet the demands of today's digital archives. Using the latest equipment and software, the Kirtas digital workflow provides multiple output options—such as print on demand and online distribution—that stand the test of time.

Preservation Through Innovation

SkyView is the latest innovation from Kirtas Technologies for oversized materials and more. With SkyView's automated, motorized overhead camera system, bound ledgers of indexes, mortgages, deeds, tax records, survey maps and other legal and historically significant information are easily captured. Handwriting and other image details stay crisp and true-to-life using Canon's acclaimed EOS-5D Mark II digital SLR camera. High-resolution digital images can be converted to high-quality microfilm images, enabling you to streamline the digital-to-microfilm process.

Government Documents and Ledgers

In the real world, maps come in different sizes, some books have foldouts, and handwriting is not always in dark ink. With resolutions up to 600 dpi, SkyView has multiple imaging templates to fit your specific needs. Whether your documents are bound or kept loosely in individual folders, an impressive, high-precision mosaic stitching mode allows enough overlap between images so that final images include every last detail.

The end result for your newly digitized materials includes custom file naming and OCR searchable text. And because Kirtas is a sole-source service provider, we can work with your purchasing department to streamline the RFP process, digitize your materials, and return the completed files to you quickly.

SkyView is an exciting addition to Kirtas' line of archival products, which includes our award-winning, automatic page-turning book scanner (APT BookScan), BookScan Editor image-processing software, JPEG 2000, METS/ALTO metadata, and more.



Oversize books can be captured page-by-page or in full spreads using Kirtas SkyView.





SKYVIEW

High-speed image capture, stitching & post-processing.

SkyView

- Canon EOS-5D Mark II 21.1 MP digital SLR camera (w/CMOS sensor)
- Canon EF 24-70 mm zoom lens
- Max imaging area: 35" x 25" (>A1)
- 42-bit Color (14-bit RAW)
- Automated, motorized overhead optical system
- Adjustable sliding bookshelf for oversize books & foldouts
- Gentle vacuum flattening technique
- Laser-guided imaging templates
- Repeatable imaging cycles
- 3-Axis automated microstepped motion
- 17" flat-panel monitor on swing arm
- Mini keyboard & mouse
- Height-adjustable, ergonomic table

Kirtas Image Processor

- Quad Core 2 GHz processor
- 3 GB RAM
- Two 1 TB hard drive (RAID 1 storage)
- Two Gigabit Ethernet cards
- Windows XP Professional Two 1 TB hard drive (RAID 1 storage)

Software

- SkyView Manager software
- High-precision stitching software
- BookScan Editor™ software

Optional

- Canon EF 100 mm fixed MACRO lens
- BookScan Editor™ Pro (OCR & PDF)
- JPEG 2000

SKYVIEW RA

High-speed image capture, increased stitching speed, batch stitching, and multi-user remote access post-processing.

SkyView

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- Canon EF 24-70 mm zoom lens
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- 42-bit Color (14-bit RAW)
- Automated, motorized overhead optical system
- Adjustable sliding bookshelf for oversize books & foldouts
- Gentle vacuum flattening technique
- Laser-guided imaging templates
- Repeatable imaging cycles
- 3-Axis automated microstepped motion
- 17" flat-panel monitor on swing arm
- Mini keyboard & mouse
- Height-adjustable, ergonomic table

Kirtas Bladeserver

- 2 Quad Core 2.33 GHz processors
- 8 GB DDR2 ECC SDRAM
- Four 1 TB hard drives (RAID 0, 1, 5, 10 storage)
- Two Gigabit Ethernet cards
- Windows 2003 Professional 64-bit Server Edition

Kirtas Camera Controller

- 1 Dual Core "Intel® Core™ 2 Duo Extreme" processor
- 2 GB, 533 MHz, DDR2 ECC SDRAM
- 250 GB hard drive
- Two Gigabit Ethernet cards
- Windows XP Professional

Software

- SkyView Manager software
- High-precision stitching software
- BookScan Editor™ multi-user software

Optional

- Canon EF 100 mm fixed MACRO lens
- BookScan Editor™ Pro (OCR & PDF)
- JPEG 2000

Kirtas Technologies, Inc. reserves the right to make changes to specifications of products described in this product sheet at any time without notice and without obligation to notify any person of such changes.

