

SKYVIEW

Wide Format Materials

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 Though Innovation

SkyView is the latest innovation from Kirtas Technologies for oversized, single-sheet materials and more. SkyView's automated, motorized overhead camera system provides an efficient, high-resolution solution for maps, posters, large prints, and more for preservation and reproduction purposes. Image details stay crisp and true-to-life using Canon's acclaimed 21.1 Megapixel EOS-5D Mark II digital SLR camera.

Posters, Maps and other Wide Format Documents

With resolutions up to 400 and 600 dpi, SkyView provides an efficient method for capturing wide format documents, such as posters, maps and fine art. Once captured, reproductions can be created with outstanding color fidelity from painted or printed artwork, as well as color, sepia, black and white, and monochrome photographs.

SkyView's imaging area is 35" x 25" (larger than A1), but with high-precision stitching software, images much larger can be captured. Kirtas BookScan Editor is used to provide auto-deskewing and auto-cropping, which means less time processing and more time spent capturing images.

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.



Large maps and posters can be easily imaged using Skyview's gentle vacuum table.





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.

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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.



7620 Omnitech Place | Victor, New York 14564 | e-mail: info@kirtas.com
phone: [585] 924-2420 | fax: [585] 924-2441

www.kirtas.com www.kirtasbooks.com www.kirtaseurope.com www.kirtasmaghreb.com

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