



KABIS III



Quality Automated Book Digitization

Quality results are the primary objective of any book digitization project. Quality includes not only superior images, but also high accuracy OCR, comprehensive metadata, and complete book integrity. And achieving this will allow you to use the book images to their fullest capability both now and for future undefined needs. Do it once so they last forever!

The new KABIS III system continues the Kirtas tradition by providing the SmartCradle with new automatic book centering that increases post-processing productivity. The 110 degree position is optimal for low stress, gentle book positioning including fragile and rare books. Air flows and the Enhanced Page Separator combine to separate pages, and the newest SureTurn robotic arm with its vacuum head will gently lift and turn the page. KABIS III uses new clamps with streaming air jets to help flatten pages for optimum image quality. Within the vacuum head is our Page Edge Sensor technology to detect multi-page or no-page lift conditions and automatically take programmable corrective action. The result is full book content integrity and quality.

The newest KABIS Manager software provides a simple user interface to let you start digitizing quickly. Downloading MARC or Dublin Core bibliographic information to include with the book metadata is quick and easy from OCLC or your own database.

The Kirtas Difference

The page images are captured using the latest Canon 21 MP cameras in full 24 bit color in a fraction of a second; one for left-side pages and one for right-side pages. The images can be captured at 325 or 400 dpi resolution with superior sharpness and excellent color fidelity. 500 and 600 dpi options are available for smaller books.

The BookScan Editor (BSE) software includes more automated features for faster, accurate image processing with minimal intervention. BSE Pro adds the creation of Automatic Book Structure, Bookmarked PDFs, OCR and metadata.

KEY FEATURES

- Quality, high-speed (3,000 pages per hour) capture at 400 dpi, 24 bit color
- Patented SmartCradle™ dynamic book handler, with automatic centering
- Low-stress support for rare, fragile books
- SureTurn™ robotic arm, gentler than human hand
- Page Edge Sensor ensures only one page is picked up at a time
- Automatic page flattening for zero curvature
- Automatic metadata retrieval and creation of MARC records, DublinCore, and MODS files
- Metadata integration into the production process to ensure seamless workflow and inventory control
- High performance Kirtas Image Server





SPECIFICATIONS: KABIS III

Performance

Cycle Speed Up to 3,000 images per hour
Tone 24-bit Color, 8-bit Grayscale, 1-bit B/W

Format JPEG, TIFF, RAW (PDF optional)
OCR Format Searchable PDF, XML, Word, TXT

Technical

Capture 21.1 megapixel Canon camera
 24-bit RGB (5,616 x 3,744 pixels)
 325, 400, 500 or 600 ppi
 (book size dependent)

Page Size 4.5" x 7" min. (11.5 x 17.8 cm)
 11" x 14" max. (28.0 x 35.6 cm)

Paper 13–80 lb (49–300 gsm)

Binding Up to 4" (10 cm)

Dimensions 33" x 31" x 54" (W x D x H)
 84 x 79 x 138 cm

Accuracy Page Edge Sensor, Enhanced Page Separator

Weight 160 lbs (73 kg) approx. + 100 lbs (46 kg) table

Power Standard 110-240 VAC, 50/60 Hz
 15 Amp Receptacle

Certification AN/NZS, CE, CSA, EN, FCC, IEC, RoHS, UL

Workstation

- Kirtas Image Server
- Two Quad Core 2.33 GHz Intel Xeon E5345 processors
- 8 GB DDR2 ECC SDRAM
- Four Hitachi 1 TB hard drives (RAID 0, 1, 5, or 10 for storage)
- Three Intel Pro Gigabit network cards
- Windows SERVER 64-bit
- 19" flat screen monitor
- Two PC camera controllers

Included

- KABIS Manager software
- BookScan Editor Multi-user license
- Server Edition software
- Barcode scanner
- Small book extension kit
- Height-adjustable, ergonomic table
- Side shelf w/monitor arm mount
- Foot pedal

Optional

- BookScan Editor™ Pro Upgrade License OCR
- Arabic (OCR)
- JPEG 2000 Converter

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.



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