

KABIS I

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 I 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. The newest SureTurn robotic arm with its vacuum head will gently lift and turn the page. KABIS uses new clamps to help flatten pages for optimum image quality. The result is full book content integrity and quality.

The newest APT 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 camera in full 24 bit color in a fraction of a second; one image for left-side page and one for right-side page. The image can be captured at 325 dpi resolution with superior sharpness and excellent color fidelity.

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 (up to 1,000 pages per hour) capture at 325 dpi, 24 bit color
- Patented SmartCradle™ dynamic book handler, with automatic centering
- Low-stress support for rare, fragile books
- Robotics that are gentler than the human hand
- SureTurn™ robotic arm picks up and turns each page
- 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





SPECIFICATIONS: KABIS I

Performance

Cycle Speed Up to 1000 images per hour
Tone 24-bit Color, 8-bit Grayscale, 1-bit B/W

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

Technical

Capture 21.1 megapixel Canon EOS 5Ds Mark II
 24-bit RGB (5,616 x 3,744 pixels)
 325 ppi, 600 ppi (interpolated)

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 32" x 47" (W x D x H)
 84 x 82 x 121 cm

Weight 130 lbs (60 kg) approx.

Power Standard 120-240 VAC, 50/60 Hz
 15 Amp Receptacle

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

Workstation

- Dell 390 w/Dual Core 2.6 GHz processors
- 2 GB RAM
- 250 GB hard drive
- Windows XP Professional operating system
- 17" flat panel monitor

Included

- APT Manager™ software, 1-user license
- BookScan Editor™ software 1-user license

Optional

- Small book extension kit
- Barcode scanner
- Height-adjustable, ergonomic table
- BookScan Editor™ Pro (OCR)
- Arabic (OCR)
- Page Edge Sensor, Enhanced Page Separator
- Monitor arm mount and keyboard shelf
- JPEG 2000

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