KABIS I

THE KIRTAS DIFFERENCE

The page images are captured using the latest Canon 21MP camera in full 24 bit color in a fraction of a second. The images can be captured at 325 dpi resolution with superior sharpness and excellent color fidelity.

The new LIMB™ Image processing software includes more automated features for faster, accurate image processing with minimal intervention. When coupled with the OCR processing software, automated "image tagging" is possible creating valuable book structural metadata.
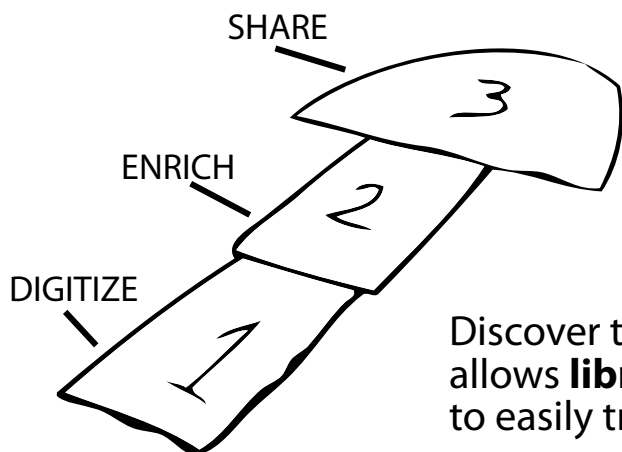
QUALITY BOOK DIGITIZATION

Quality results are the primary objective of any book digitization project. Quality includes superior images, high accuracy OCR, comprehensive metadata, and complete book integrity. 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 and is ideal for fragile and rare books. Air flows to separate pages, and the newest SureTurn™ robotic arm with its vacuum head will gently lift and turn the page. The result is full book content integrity and quality.

The newest KABIS Manager Plus software provides a simple user interface to let you start digitizing quickly. The new interface provides easier monitoring of page capture and management for accuracy.

KEY FEATURES

- Quality, high-speed (up to 1,600 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
- Metadata retrieval and creation of MARC records, DublinCore, and MODS files

SHARE

ENRICH

DIGITIZE

3

2

1

From **shelf** to **net**
in **1, 2...3** steps!

Discover the single solution, made up of three steps that allows **libraries**, **archives**, **museums** and **service bureaus** to easily transform their collections into digital assets.

SPECIFICATIONS: KABIS I

Operation	Automatic, Semi-automatic, Manual
Cycle Speed	Up to 1,600 images per hour
Tone	24-bit Color, JPG or CR2

LIMB Output Color, grayscale, bitonal, TIF, JPG, JP2, Searchable PDF with OCR, PDF/A with OCR METS/ALTO, DC, MODS, TXT

Technical

Capture	21.1 megapixel Canon camera 325ppi up to 11" x 14" (28 x 35.6cm)
Page Size	11" x 14" max. (28.0 x 35.6 cm) Automatic 4.5" x 7" min. (11.5 x 17.8 cm) Automatic 2"x 3" minimum(50 x 75mm) Manual
Paper	13–80 lb (49–300 gsm)
Binding	Up to 4" (10 cm) Automatic
Dimensions	33" x 32" x 47" (W x D x H) 84 x 82 x 121 cm
Weight	200 lbs (91 kg) approx.
Power	Standard 110-240 VAC, 50/60 Hz 15 Amp Receptacle
Certification	AN/NZS, CE, CSA, EN, FCC, RoHS, UL

KABIS Controller

- Dual Quad Core e3 Processor
- 16 GB RAM
- 1 TB hard drive
- Two Gigabit Ethernet cards
- Windows 7 64 bit Pro or Ultimate
- 21" flat screen monitor
- Foot Pedal

Included
- KABIS Manager Plus software

Optional
- Small book extension kit
- Barcode scanner
- Height-adjustable, ergonomic table
- LIMB Imaging Software
- LIMB Desktop Software with OCR
- LIMB Workstation
- Enhanced Page Separator
- Page Edge Sensor
- Arabic OCR

Kirtas KABIS I System Configuration and Specifications

Technical Product Specifications of *KABIS I System*

Canon Camera for System	EOS 5D Mark II 21MP
Lens included	70mm
Camera per System	1
Sensor Size	5616 x 3744 (21.1MP)
Camera Positions	1
Maximum Page Size (width x height) at 325ppi	28.0cm x 35.5cm 11.0" x 14.0"
Page Size minimum, automated mode w/Small Book Extension	11.5cm x 18.0cm 4.5" x 7.0"
Page Size minimum, manual mode	5.0cm x 7.0cm 2.0" x 3.0"
Machine Rated Capture Speed in full color for maximum page size at 325 ppi	KABIS I up to 1600 pph
SmartCradle™	Included
Automated Cradle Centering	Included
Foot Pedal	Included
Soft Cover Book Adapter	Included
KABIS Manager Plus	Included
KABIS Controller	Included PC, dual quad core, e3 or better, 16GB RAM, 1TB HDD, 2 1-Gb Ethernet Ports, 4 USB Ports, Windows 7 64-bit PRO or Ultimate OS, mouse, 21" wide screen monitor, standard keyboard
Accessories	Accessories
Barcode Reader with monitor mount	Accessory
Swing Arm Monitor Mount & Keyboard Tray and Mini Keyboard	Accessory
Enhanced Page Separator	Accessory
Small Book Extension Kit	Accessory
Page Edge Sensor	Accessory
KABIS Ergonomic Table	Motorized lift, casters included
LIMB Imaging Software	1 user license, PC license, no OCR
LIMB Desktop Base Product	1-user license PC license with Pagination & Structuring; Add OCR
50K IRIS OCR	OCRs up to 50,000 images per month
200K IRIS OCR	OCRs up to 200,000 images per month
100K ABBYY OCR Standard Languages	OCRs up to 100,000 images per month, Limited cores
Unlimited ABBYY OCR Standard Languages	Unlimited OCR volume on a single processor
Arabic OCR	1-user license
LIMB Workstation	PC, dual quad core, e3 or better, 16GB RAM, 2TB HDD, Windows 7 64-bit PRO or Ultimate OS, keyboard, mouse, 21" wide screen monitor
LIMB Server13	tbd