KABIS IIIW

THE KIRTAS DIFFERENCE

The page images are captured using the latest Canon 21MP 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.

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.
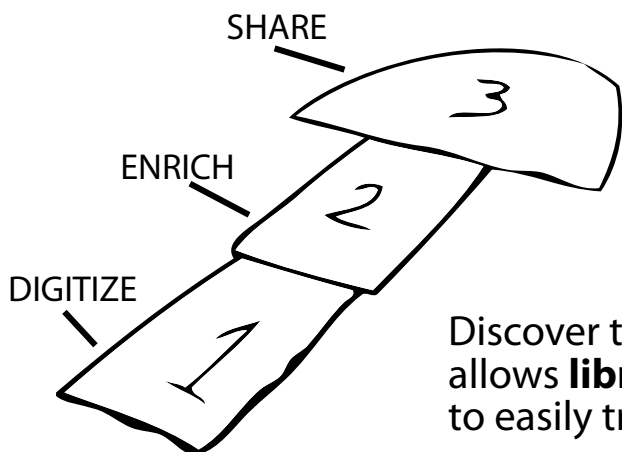
QUALITY BOOK DIGITIZATION

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 IIIW 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 and the Enhanced Page Separator combine to achieve page separation and the newest SureTurn™ robotic arm with its vacuum head will gently lift and turn the page. 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 Plus software provides a simple user interface to let you start digitizing quickly. The new interfaceprovides easier monitoring of page capture and management for accuracy.

KEY FEATURES

- Quality, high-speed (2,890 pages per hour) capture

- Patented SmartCradle™ dynamic book handler

- Low-stress support for rare, fragile documents

- Robotics that are gentler than the human hand

- SureTurn™ robotic arm uses vacuum system to gently pick up and turn one page at a time

- LIMB retrieves available metadata and creates MARC records, DublinCore, & MODS files

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TECHNOLOGIES

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 III W

Operation	Automatic, Semi-automatic, Manual	
Cycle Speed	Up to 2,890 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 cameras
	325, 400, 500 or 600 ppi
	(book size/lens dependent)
Page Size	4.5" x 7" min. (11.5 x 17.8 cm), automated mode
	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	200 lbs (91 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, RoHS, UL

KABIS Controller

- Dual Quad Core e3 processors (min.)
- 16 GB RAM
- 1 TB hard drive
- Two Gigabit Ethernet cards
- Windows 7 64 bit Pro or Ultimate
- 21" flat screen monitor

Included
- Mini keyboard & mouse
- KABIS Manager Plus software
- Barcode scanner
- Small book extension kit
- Page Edge Sensor
- Monitor arm mount & keyboard tray
- Foot pedal

Optional
- LIMB Image Software
- LIMB Desktop Software with OCR
- Arabic (OCR)
- Height-adjustable, ergonomic table
- Limb Workstation

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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TECHNOLOGIES

Kirtas KABIS IIIW System Configuration and Specifications _____

Technical Product Specifications of *KABIS IIIW System*

Canon Camera for System		EOS 5D Mark II 21MP	
Lens included		70mm	
Cameras per System		2	
Sensor Size		5616 x 3744 (21.1MP)	
Camera Positions		4	
Native Resolutions & Maximum Page Size (width x height)	325 dpi	28.0cm x 35.5cm	11.0" x 14.0"
	400 dpi	23.0cm x 33.0cm	9.0" x 13.0"
w/100mm Macro lens (optional)	500 dpi	18.0cm x 28.0cm	7.0" x 11.0"
w/100mm Macro lens (optional)	600 dpi	15.0cm x 23.0cm	6.0" x 9.0"
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 or 400ppi		Up to 2890 pph	
SmartCradle™		Included	
Barcode Reader with monitor mount		Included	
Page Edge Sensor		Included	
Enhanced Page Separator		Included	
Automated Cradle Centering		Included	
Swing Arm Monitor Mount & Keyboard Tray		Included	
Small Book Extension Kit		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, Windows 7 64-bit PRO or Ultimate OS, 2 1-Gb Ethernet Ports, mini-keyboard, mouse, 21" wide screen monitor	
Accessories		Accessories	
KABIS Ergonomic Table		Motorized lift, casters included	
100mm Macro Lens		Accessory (2 required)	
LIMB Imaging Software		1 user 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 Server		tbd	