

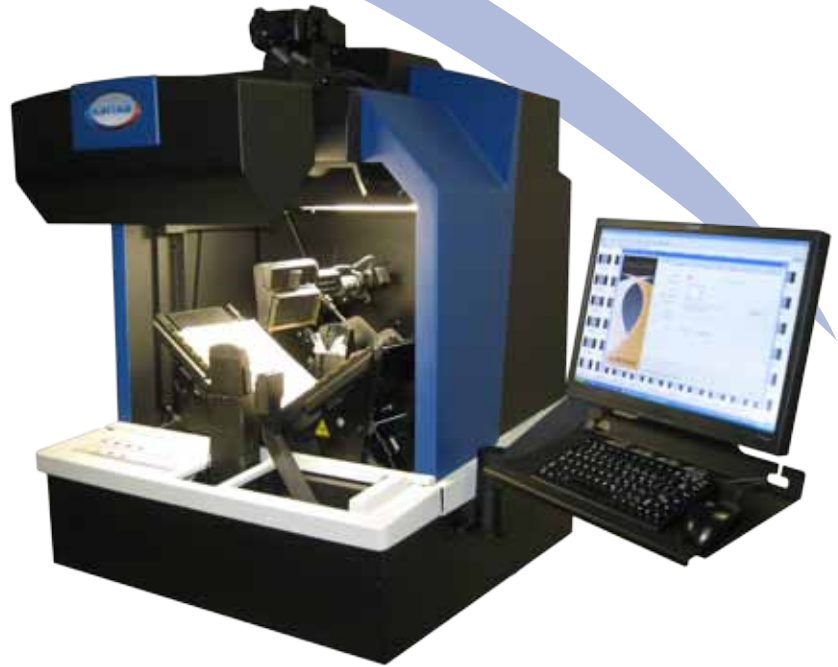
# KABIS II

PLUS

## 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 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

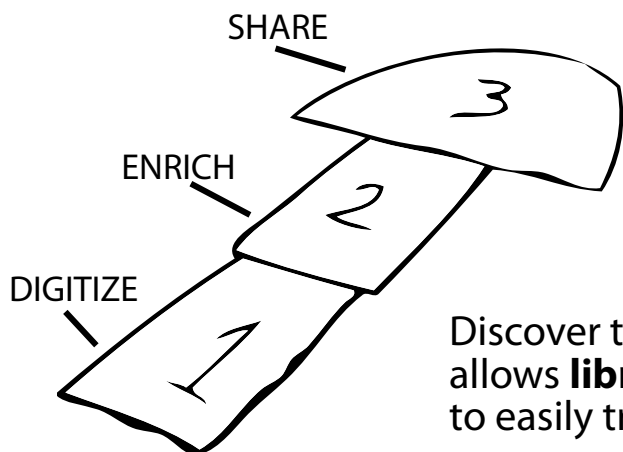
Quality results are the primary objective of any book digitization project. Quality includes superior images, high accuracy OCR, comprehensive metadata, and complete book integrity. Achieving this will allow you to use the book images to their fullest capability both now and for future undefined needs. Do it once so they last forever!

The new KABIS II PLUS 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 separate pages, 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 interface provides easier monitoring of page capture and management for accuracy.

## KEY FEATURES

- Automatic and Manual with speeds from 300-2,000 pages per hour
- Capture images at true 325 x 325 ppi and 400 x 400 ppi, 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 gentler page turn ensuring only single page pick up and turn at a time
- Page Edge Sensor ensures only one page is picked up at a time
- Metadata retrieval and creation of MARC records, DublinCore, and MODS files
- METS/ALTO Compliant Output
- Output TIFF, JPG2000, JPG, PDF, PDF/A & more



# 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 II PLUS

<b>Operation</b>	Automatic, Semi-automatic, Manual	<b>LIMB Output</b>	Color, grayscale, bitonal, TIF, JPG, JP2, Searchable PDF with OCR, PDF/A with OCR METS/ALTO, DC, MODS, TXT
<b>Cycle Speed</b>	Up to 2,000 images per hour		
<b>Tone</b>	24-bit Color, JPG or CR2		
<b>Technical</b>		<b>KABIS Controller</b>	
<b>Capture</b>	21.1 megapixel Canon camera 325ppi up to 11" x 14" (28 x 35.6cm) 400ppi up to 12" x 8.50" A4	<ul style="list-style-type: none"> <li>• Dual Quad Core e3 processors (min.)</li> <li>• 16 GB RAM</li> <li>• 1 TB hard drive</li> <li>• Two Gigabit Ethernet cards</li> <li>• Windows 7 64 bit Pro or Ultimate</li> <li>• 21" flat screen monitor</li> <li>• Mini keyboard &amp; mouse</li> </ul>	
<b>Page Size</b>	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	<ul style="list-style-type: none"> <li>• KABIS Manager Plus software</li> <li>• Monitor arm mount and keyboard tray</li> </ul>	
<b>Paper</b>	13–80 lb (49–300 gsm)	<ul style="list-style-type: none"> <li>• Enhanced Page Separator</li> <li>• Page Edge Sensor</li> <li>• Small book extension kit</li> </ul>	
<b>Binding</b>	Up to 4" (10 cm) Automatic	<b>Included</b>	
<b>Dimensions</b>	33" x 32" x 47" (W x D x H) 84 x 82 x 121 cm	<ul style="list-style-type: none"> <li>• Foot Pedal</li> <li>• Barcode scanner</li> <li>• Height-adjustable ergonomic table</li> <li>• LIMB Image Software</li> <li>• LIMB Desktop Software with OCR</li> </ul>	
<b>Reliability</b>	Page Edge Sensor, Enhanced Page Separator	<b>Optional</b>	
<b>Weight</b>	200 lbs (91 kg) approx.		
<b>Power</b>	Standard 110-240 VAC, 50/60 Hz 15 Amp Receptacle		
<b>Certification</b>	AN/NZS, CE, CSA, EN, FCC, RoHS, UL		

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: [requestinfo@kirtas.com](mailto:requestinfo@kirtas.com)  
phone: [585] 924-2420 | toll-free: [877] KIRTAS-9 | fax: [585] 924-2441  
<http://www.i2s-digibook.com>



# Kirtas KABIS II Plus System Configuration and Specifications

## Technical Product Specifications of **KABIS II Plus System**

Canon Camera for System		EOS 5D Mark II 21MP	
Lens included		70mm for 325ppi 85mm for 400ppi	
Camera per System		1	
Sensor Size		5616 x 3744 (21.1MP)	
Camera Positions		2	
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	8.5" x 13.0"
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		KABIS II up to 2000 pph	
SmartCradle™		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, 2 1-Gb Ethernet Ports, 4 USB Ports, Windows 7 64-bit PRO or Ultimate OS, mouse, 21" wide screen monitor, mini-keyboard	
Accessories		Accessories	
Barcode Reader with monitor mount		Accessory	
KABIS Ergonomic Table		Motorized lift, casters included	
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	