

# KIC BookEdge Color Scanner/Copier

Scan, Copy, and Collate Book Content in a 2 x 2 ft. Floor Space





# Walk-up Scanning as Fast & Easy as Walk-up Copying

KIC's T2T true two-touch interface is "ten times better than the [competitor] user interface."

– Jeff Bernhard, Assistant Director ITS Client Services & Support



# Slash paper and ink costs with the innovative KIC BookEdge self-serve scan and copy system!

The days of the photo copier on the library floor are over. Students demand digital, and your print collections are too valuable not to make them available to the majority of college students today who see copiers as "old school."

Occupying less space than a floor standing copier and offering 12x17 inch book-edge scanning, KIC BookEdge provides the next best thing to face-up scanning in a form factor that's small enough to fit in the far corners of any library! And its cost is small too.

But don't let its size fool you. KIC BookEdge systems provide the same extensive capabilities as our heavy duty KIC systems: fast scan/copy/fax/print, image editing and collating, save to tablets, smart phones, notebook PCs, USB drives, and Cloud, send via email or FTP.

What's so special about KIC systems is how easy they are to use with their True2Touch interface and very large touch screens. Students enjoy unlimited, fast and easy access to entire library collections, *digitally*. It's not often that a service becomes so popular with students so rapidly. It's fitting that KIC systems are frequently purchased using student technology funds.





#### KIC Serves Over Half of Students at Universities in America

In the U.S. alone, KIC serves over four million students at the top "brick and mortar" (non-online) colleges and universities. With the introduction of the KIC BookEdge, KIC Click, and KIC Click Mini, KIC is now affordable for virtually all institutions of higher learning and full-service public libraries. Last decade, libraries typically 'added' several KICs, but since 2010 libraries have begun to replace their entire patron-use copier fleets with self-serve book scanning systems.



# A True Digital Age Multifunction System for Academic & Public Libraries

#### **Book Scanning**

Students at academic libraries want speed, and DLSG offers the fastest book scanners on the market. Patrons at public libraries need simplicity, and KIC provides three of the simplest possible user interfaces, one exclusively for scanning, one exclusively for copying and one exclusively for faxing. And KIC's best-of-breed power user interface is only a touch away.



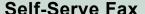
#### Copier Replacement

While multifunction copiers are partly digital, they are big mechanical machines with big

maintenance issues and tiny touch screens. As a copier replacement, KIC eliminates copier failure/service problems and provides very large touch screens and view screens that are larger still. Rotating and organizing pages on a huge touch screen is much easier than shuffling paper.

The digital age has steadily driven down the demand in libraries for paper copies to levels that make it increasingly difficult to justify copiers. KIC self-service scanning systems reduce copier use further — to the point that attaching a small laser or ink jet printer is sufficient. KIC systems also handle much larger materials than copiers, and they

scan books without damaging them. However, the most compelling benefit of KIC over copiers is KIC's speed, due mainly to its face-up scanning design, which is not only significantly faster, but far easier to use.



KIC's huge touch screen and larger view screen make faxing extra easy. Users can compose, review, clip, crop and change brightness and contrast of the pages of a fax before sending. KIC's step-by-step process is designed for easy operation by even the most timid users. All you need is an internet connection, and DLSG will provide the rest at a cost so low that fax revenue can pay for the KIC system in a few years or less.

#### KIC Coins

Printing copies and faxing have per page costs that normally must be passed on to the user. KIC has a free, built-in method of charging users for copies and faxes.



Simply print "KIC Coins" in any denomination that you like, and sell them to users at the circulation desk or wherever you collect fees for late book returns.



# KIC BookEdge vs. Copiers - How KIC Compares

#### KIC BookEdge vs. Copiers

Since the first KIC was delivered to an academic library in 2004, the days of photocopiers for patron use in academic libraries and even public libraries were numbered. And now with the rapid explosion of tablet computers and electronic readers, the demand in academic libraries for electronic copies has substantially outstripped the demand for printed copies. The demand for electronic copies in public libraries is also reaching a tipping point.

The ability to capture hundreds of pages of research into a tablet or electronic reader and search through that material on the Internet with a tablet, eReader or notebook PC that can be used just about anywhere is highly convenient and immensely valuable. In this digital age, academic libraries are compelled to go hybrid for three reasons: 1) the high demand for digital content; 2) their existing print collections contain vast amounts of information that cannot be found on the Internet; and 3) students are receptive to the price of electronic copies – typically free.

So how do the costs of KIC systems compare with those of photocopiers? There are three main factors that keep the cost of photocopies high: 1) each copy requires paper, toner and ink; 2) photo-

copiers require a lot of maintenance due to the number of moving parts; and 3) all major photocopier brands use a distributed service model.

In contrast, these costs are lower for KIC because KIC has split the scan/copy functions into three separate machines, choosing the best of breed for each. As a result, KIC offers the best book scanners by themselves or with a loose-leaf paper (ADF) scanner. Virtually any off-the-shelf laser or inkjet printer can be added to any KIC system, so you can optimize costs and speeds, and offer affordable color.



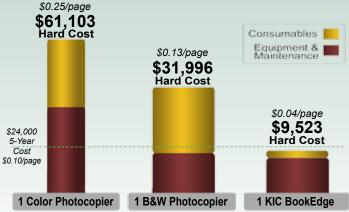
ADF attachment scans 40 loose-leaf pages/min (20 sheets per minute)

#### KIC BookEdge Scanners vs. Copiers

A Five Year Comparison at a Usage Rate of 50,000 pages per year

This graph compares the total costs of one color KIC BookEdge system with a color copier and a black and white copier. Both copiers are the kinds typically seen in academic libraries.

The costs are broken into two main areas: equipment and maintenance, and consumables. With KIC BookEdge, electronic output is assumed to be preferred over print 90% of the time. That ratio has ranged from 75-95% electronic in 2012, but is certain to rise in the future.



At a usage rate of 50,000 pages per year, these numbers represent a five-year savings of \$36,358!

#### **Capture Area Comparison**

With a large 11.8 X 17 inch capture area, the KIC BookEdge system has a maximum capture area that is 14% larger than large copiers and more than twice the size of typical consumer scanners. The image below shows the maximum scan areas of KIC products compared to copiers and other book scanners.



□ - - Competing face-up book scanner A 14 x 18.9"
□ Competing face-up book scanner B 14 x 20.5"

#### **KIC Bookeye Scans 3 Times Faster**

Statistics from five million scanning sessions across America revealed a median session length of 23 pages. So, most of the time spent during a KIC session is spent scanning. Face up scanning has been proven to be three times faster than face down scanning.

So why is speed so important?

- It's economical. One KIC Bookeye can replace multiple copiers or other face-down scanning machines.
- It gives patrons another reason to visit your library.
- It's green. The faster it is, the more use it will get and the less the copier will be used.

#### Color Images are Free

In the digital world, there is no paper, toner or ink, so libraries rarely charge for images, whether black and white or color.



#### Color Copies for Less

Over the years, many libraries experimented with color copiers, but could never find a formula that worked. If the fees were low, patrons would copy materials with so much color that the library would spend more on ink than the fees they were collecting. If the fees were too high, the usage would be so low that the cost of the machine couldn't be justified.

KIC calculates the amount of color in an image before it is printed. So the fee for copies with a little bit of color can be the same as the fee for black and white copies. If a copy has a lot of color, the fee can be increased in proportion to the cost of the color ink or toner. This wonderful feature should be a simple, easy byproduct of the digital age, and it is with KIC.

#### No More Book Spine Damage!

Thick books with stiff spines and content that runs deep into the bookfold are often damaged when copied. KIC BookEdge easily captures content well into the bookfold without damaging the

spine. Black edges are automatically removed and the content is straightened, producing clean, professional looking images — important for electronic reserves, course curriculum materials and research reports. These automatic image treatment functions also save a lot of faculty, administrator, and student time.





The scan-to-the-edge feature avoids damage to book bindings

# Compatible with Copy Card & Cash Systems

All KIC systems are compatible with all standard copy card and coin-op devices. Since KIC transfers images to users' computers electronically, costly expendables are avoided, even for color! The library can opt to keep all revenue it collects.



## **Charge for Prints Only...**

or charge more for prints, less for images. When it comes to cost recovery, KIC systems have got you covered. Their fee administration feature lets you charge different amounts for color, B&W, 8.5 x 11" and 11 x 17" images.

### **Copy Card Compatibility**

ITC Systems 1010 NetLink ITC Systems 7010 NetLink Access Control Devices EX2000 Blackboard CR1120 Blackboard CR1122 Blackboard CR3000 CBord C2005 Diebold C2005 Copicard CX125 Danyl Systems
Copy terminal
Debitek DCT Family of readers
General Meters
DCT-2
Jamex 7110
Pharos PS100
Pharos Omega
series terminals
Vendapin 5500
Vendapin 5596
Virtual Cash Vending Terminals





#### New models from major system vendors are supported as they become available

#### **Compact & Affordable**

The KIC BookEdge is the perfect choice for student walk-up scanning and copying in areas where space is a premium. It makes entire library collections available in digital form. The KIC BookEdge's clever design allows users to scan pages right up to the bound margin near the spine, without damaging books. The KIC BookEdge produces beautiful, full-color images at no additional cost over black & white images! Even searchable PDF's and text-to-audio (MP3 files) are a snap to create.

The KIC BookEdge was specifically designed to occupy the same space as a typical floor-standing photocopier. Replacing outmoded copiers in academic and research libraries is easy with KIC BookEdge's modern scanning, printing and interactive computerized touch screen technology. The optional ADF scanner and a printer gives the KIC BookEdge the functionality of a color copier at a fraction of the cost.

#### **Convert Loose Paper to Digital**

Scan and save a 40-page article in one minute using KIC's duplex ADF scanner option



Digital copiers are very mature products that certainly have their place in business and administration environments, but not the library floor. With its book edge feature that protects the spines of books, its ADF option that scans one or both sides of 20 loose-leaf pages per minute, and a generic high-speed printer, KIC gives new meaning to the phrase 'copiers are so old school.' When compaired with copiers and MFCs, KIC book scanners are the only intelligent choice for the library floor.

# T2T Title 2-Touck

# True 2 Touch™ User Interface

Ease-of-use is a central feature of KIC. KIC BookEdge's large touch screen and its large "Scan" and "Save, Send or Print" buttons that occupy a very large portion of the touch screen clearly convey how easy KIC is to use. The Save button defaults to an output method and file format that is selectable by the institution. If a flash drive is inserted, KIC detects this and the output button changes to indicate that it will save to the flash drive. Users can override the default output method by manually selecting one or more other methods of output.

KIC BookEdge's smart design includes the full KIC selfserve digitization functionality in a mere 25 inch width. It's large, 22 inch touch screen and capture surface are at the perfect heights when placed on a typical table or desktop. The KIC BookEdge also has an optional matching "k-stand" for freestanding operation.

Files automatically appear on the device as they are scanned. With the SmartDock, the KIC BookEdge is still

only 33 inches wide, well under three feet.



KIC BookEdge Tabletop Model

Both the K-stand model below and the tabletop model, shown at left, have the optional SmartDock feature, which provides a convenient place for the user's tablet, notebook PC, or other smart device while scanning.

K-stand and SmartDock options

- Copy two face-down, full-color pages up to 11.8 x 17" with a single touch
- Create full color electronic images and/or paper copies
- Review electronic images before saving or printing copies
- Collate by dragging images into proper order with your fingertip
- Select file formats such as PDF, JPEG, PNG, TIFF, even MP3 (audio)
- Simply place your smart device on KIC's optional SmartDock and with just two touches, you are ready for very high-speed transfer.
- Sending scanned images via email is also fast and easy with hot-keys that are pre-programmed with your institution's base email address.
- Output to Google Docs / Google Apps for Education and other cloud-based tools can also be simplified with pre-programmed hot-keys.
- Insert a USB flash memory device and KIC automatically selects USB output.

## KIC SmartDock™

The Fastest, Easiest Way to Transfer Images to Tablets, Notebook PCs, eReaders & Smart Phones



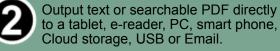
#### KIC Makes Your Print Collections Searchable

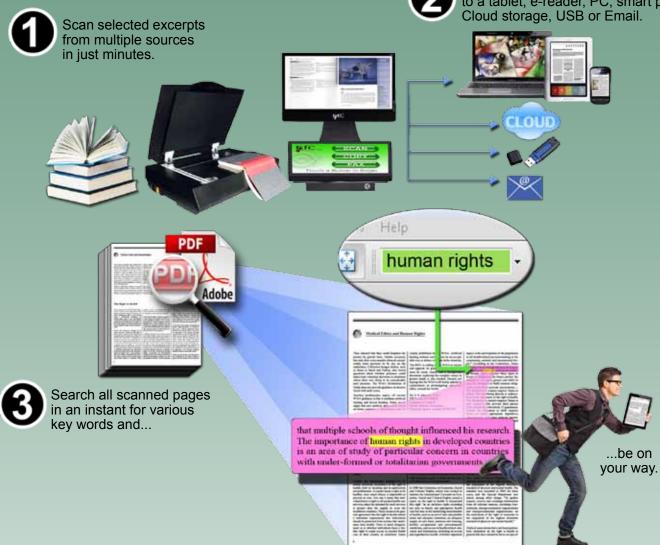
Search hundreds of pages of PDF or text files created in just minutes using KIC BookEdge

Users need only locate the volume(s) that they expect to contain the information they are seeking, scan selected sections and output either a searchable PDF file or a text file. These files can easily be searched for various keywords.

Keyword searching is becoming an indispensable capability that significantly improves the quality and efficiency of researching print collections.

- Access more sources DIGITALLY
- Find information faster
- Deliver results in digital form
- Get your research in digital form





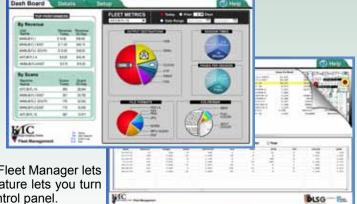
# **KIC Fleet Management**

Monitor Usage Statistics at a Glance

Control, update and monitor your KIC systems remotely. To better serve your patrons, it is important to know which KIC systems are used the most and at what times during the day and week, and which are used the least. All usage statistics can help you to determine the best KIC configuration for each site. And to make it easier to navigate from KIC to KIC system, KIC Fleet Manager allows you to select a particular KIC system via either of two methods: a map or a list.

With over ten years serving libraries, KIC is the most stable product available today. However, DLSG engineers incessantly work to improve KIC and support the growing changing digital world. DLSG offers improved

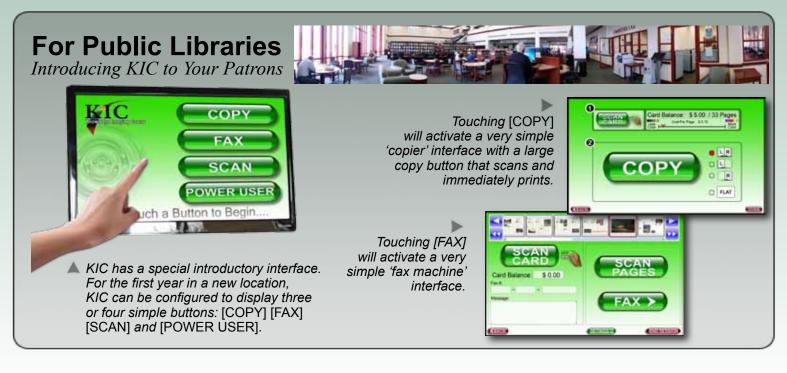
software regularly, and in order to make it easier to deploy updates, KIC Fleet Manager lets you update KIC systems remotely. For example, a recently released feature lets you turn KIC systems on and off on demand or on a schedule set by a central control panel.



## **Scanner Selection Guide**

SCANNER MODEL	Page Split	Fan/ Gutter Removal	Face-Up Scanning	Book Spine Friendly	Speed	Scan Area	Price
BSCAN ILL + Bookeye 4 V3	•	•	•	•	•	15.3 × 18.9'	\$\$\$
BSCAN ILL + Bookeye 4 V2	•	•	•	•	•	18 x 24.4"	\$\$\$\$
BSCAN ILL + Bookeye 4 V1	•	•	•	•	•	25 x 33.5"	\$\$\$\$\$\$\$
BSCAN ILL + Click	•	•	•	•	•	16 x 22*	\$\$
BSCAN ILL + Click Mini	•	•	•	•	•	12.2 x 19.2°	\$
BSCAN ILL + BookEdge	•	•	0		•	11.5 x 17*	\$
BSCAN ILL + WideTEK 25	•	•	0	0	•	18.5 x 25"	\$\$\$
BSCAN ILL + Commercial Flatbed	•	•	0	0	0	11 x 17"	\$\$
BSCAN ILL + Photocopier	•	•	0	0	0	11 x 17"	\$\$
Commercial Flatbed Alone	0	0	0	0	0	11 x 17"	\$
Photocopier Alone	0	0	0	0	0	11 x 17"	\$





# In case you didn't know ...

...what you can do with scanned images

#### **Enhance Reports**



KIC BookEdge's 11.8x17" bed can be used to capture one page at a time using the spine-preserving "book edge" feature, or two pages at a time by opening the book 180 degrees.



Use whole pages or clip selected pictures, graphs, text, etc. using KIC's large touch screen.



Save scanned images to USB flash drive or cloud storage, send them via email address or transfer images directly to a tablet, notebook PC, or smart phone.







Enhance reports in a word processing program. Drag desired images from a flash drive, Cloud storage or email directly into a word processing program, or save images to your computer desktop and use the 'insert picture' function.



Once images are imported into a word processing program, you may want to resize or reposition them or select from several ways that your text can wrap around the pictures.

#### **Personal & Family Documents**



Library patrons bring loose paper from home to scan, fax and send via email or save to a USB device. A \$5 USB thumb drive can store thousands of important documents.

Many citizens don't have a safe, reliable place to store and organize their important documents. Documents scanned at the local library can be viewed with any low cost smart phone.

#### **For Study**



Quickly scan many pages to take with you and study at your convenience in the comfort of your home where you can read, search, markup, and print at your leisure.

#### **Book Excerpts**

With KIC in your library, instructors are no longer restricted to a single text book. They can freely assign many excerpts from many books without adding to the students' already high cost of text books.



"I selected excerpts from eight books and created the text book I use for my Civil War class."







**Course Materials** 

**Class Notes** 

**Class Handouts** 

#### Scan Journals for Research



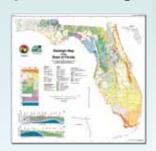




#### **Scan Artwork**



# Scan Large Maps & Drawings



# The Hybrid Library

To fully earn the 'hybrid library' designation, a library's existing print collections must be available in digital format. KIC systems allow your students and faculty to select material for quick and easy self-serve digitization, providing a valuable conduit between your print collections and patron tablets, PCs, eReaders and smart devices.

KIC's self-serve digitize-on-demand capabilities leverage your library's most valuable assets — its print collections. Digital images don't have the limitations

of physical copies. They can instantly be shared with fellow researchers around the world via email or Cloud, dramatically facilitating collaboration.

KIC avoids the digital rights management conundrum. Each digitization is for a single use, but thousands of patrons can digitize content from the same book, yet preserve the book's spine.



We know the importance of resource sharing. To help squeeze more value out of your investment, KIC systems can be configured to support the BSCAN Interlibrary Loan system, the Opus Digitization Workflow system, and general ad hoc scanning.

Use a USB flash drive to enable these other types of scanning at a KIC station and temporarily access shared folders on a network. When you unplug the flash drive, the KIC station automatically resumes its regular self-serve scanning station functionality.



#### **KIC BookEdge Technical Specifications**

Output Color Depth 24 bit color, 8 bit grayscale & 1 bit B&W

Max Capture Area 11.8 x 17 inches

Max Resolution 600 dots per inch

Digital File Interfaces USB 2.0, email, direct to smart device, network

file folder (for staff & faculty only), FTP

Web/Cloud Output Google Drive, iClould (Apple), DropBox, OneDrive

(Microsoft), Amazon Cloud Drive, Box (Box.com)

Image Output PDF, JPEG, PNG and TIFF

rich text and searchable PDF (optional)

Text File Output Rich Text (RTF)

Audio Output MP3 audio text-to-audio (optional)

Printed Output  $8.5 \times 11$ ", 11 x 17", simplex, duplex, color &

Formats monochrome (printer not included)

Image Treatment Split pages (left & right), eliminate book curve, Functions clip, crop, change, collate, brightness/contrast,

change resolutions (dpi), select color, grayscale,

or B&W

Maximum Speed 11 sec per page scanning 1 page a time using

scanner edge

5 seconds per page scanning 2 pages at a time Autoformat w/edge recognition, Letter, Legal, A3

Dimensions Tabletop Model: 20 x 40 x 20 inches

(HxWxD) Floorstand Model: 63 x 25 x 24 inches

Power Consumption 140W Operation

**Document Formats** 











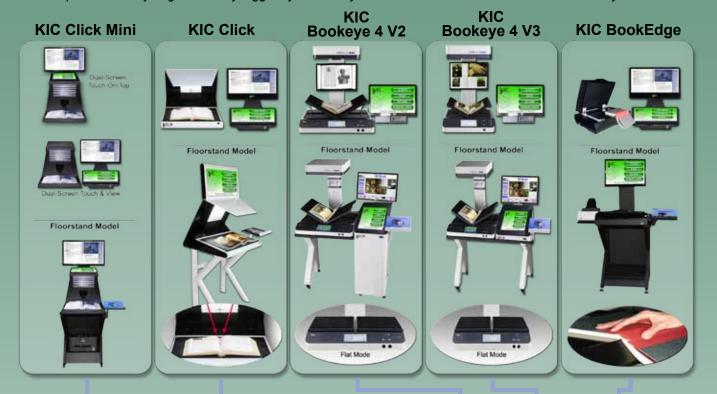
### **Premium Maintenance Plan**

Image Access has an unmatched service and support record. It is impossible to affordably provide service personnel living in every city and town across America that are highly trained on the very special technologies needed by libraries. Instead, DLSG designs remote serviceability into its products and has perfected remote diagnosis and when possible, repair.



# The KIC Product Family

Your dollars go futher with our complete KIC product line. Every institution would like to have at least one large KIC system, especially for reading rooms and reference sections, but not all library floor locations require a large system. Our array of products lets you get as many bigger systems as you need and fill out the rest with lower-cost systems.



* Exclusive Feature!	KIC Click Mini	KIC Click	KIC Bookeye 4 V2	KIC Bookeye 4 V3	KIC BookEdge
Material Handling & Optics					
Speed	•	100	•	•	0
Oversize Flat & Very Large Books		<u> </u>	<b>W</b>	<u> </u>	0
Face-up Scanning	•	•	•	•	0
Flatbed with book edge feature		0		0	•
Capture books open 120° or 180°	0	0	•	•	•
Scan sweep follows book contours		0	•	•	0
Face-Up V-Cradle and Face-Up Flat-Mode 🛊		0	•	•	0
24 Bit Color	•	•	•	•	•
300 dpi Output	•	•	•	•	•
400 dpi Output		Ö	•	•	•
600 dpi Output		0	-	0	•
Output Formats					
Basic PDF, JPEG, PNG	•	•	•	•	•
Searchable PDF, Editable Text (OCR)	-	<u> </u>	•	•	<u> </u>
MP3 Audio (TTS)	-	<u> </u>	•	•	<u> </u>
Google Docs, Cloud, Dropbox		•	•	•	•
USB, Email, FTP, Admin Folder		•		•	•
SmartDock™ *		•		•	•
Tablets, eReaders & Smart Phones		•		•	•
Copier Replacement Capabilities					
Automatic Document Feeder				<u></u>	
Collate				•	
Black&White and Color					
Dedicated Printer Support					
Automatic Document Feeder Option (1)					
Multiple Shared Printers					
Charge for Prints via Pharos					
Charge for Prints via Blackboard, ITC Sys, CBord, Diebold, Copicard, Danyl Sys, Debitek, Gen Meters, Jamex, Pharos, Vendapin, Virtual Cash, etc.	•	•	•	•	•
User Interface Features					
True2Touch TM 🜟	•	•	•	•	•
Separate Preview Screen	-	<u> </u>	•	•	<u> </u>
Full-Size Preview	•	•	•	•	•
Large Touch Screen (24 inches)	•	•	•	•	•
ADA Support	Software	Software	Software	Software	Hardware
Image Processing Abilities					
Clip, Rotate	•	•		•	•
Crop, Split Left & Right Pages				•	
Correct Book Curve					

- (1) Available for all desktop versions of KIC
- (2) Optional

