

ATIZ

BookDrive Pro

The most powerful book scanner for large digitization.



Atiz Fast Facts

- > The most budget friendly book scanner brand in the world.
- > Over 800 installations around the globe.
- > Responsible for scanning over 3 million books.
- > Atiz scanners are currently being used by some of the most prominent academic libraries, universities and museums around the world.

What is BookDrive Pro?

BookDrive Pro solves all problems found in book scanners. Problems of conventional scanners are page curvature, damage to book spine and low productivity.

BookDrive uses a different approach called a V-shaped solution. The combination of V-shaped book cradle and V-shaped glass holds the book open at a non-stressful 120-degree angle for scanning by hi-speed, hi-resolution digital SLR cameras.

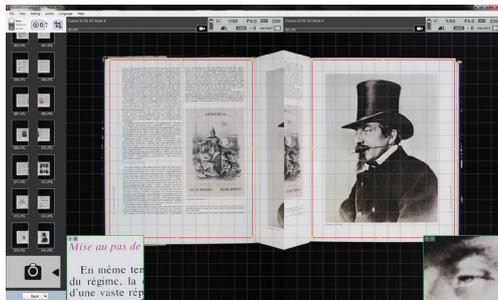
This unique design guarantees sharp, curvature-free images in every scan. Our V-shaped solution has helped hundreds of libraries worldwide scan millions of books.



The Evolution of Scanners

We've come a long way from flatbed and planetary scanners. Thanks to advances in digital cameras, today the v-shaped book scanners from Atiz are-empowering libraries around the world to scan millions of books.

| | | | |
|--------------------|--|--|--|
| Scanner |  <p>Flatbed scanner</p> |  <p>Planetary scanner</p> |  <p>V-shaped book scanner</p> |
| Book placement |  <p>Face down on 180° plane</p> |  <p>Face up on 180° plane</p> |  <p>Face up on V cradle</p> |
| Image capture tech |  <p>Linear sensor captures one line at a time</p> |  <p>1 sensor captures spread pages</p> |  <p>2 sensors individually capture a true left page and a true right page</p> |
| Book centering | <p>Book must be correctly positioned for every scan</p> | <p>Book binding creeps from left to right as pages are turned resulting in margin crawl</p> | <p>Book binding is centered throughout scanning Further handling not required</p> |
| Flattener |  <p>Stress on bindings</p> |  <p>Fingers holding the pages from flapping</p> |  <p>V-glass gently engages the pages</p> |
| Capture method | <p>Manual capture Button at every scan</p> | <p>Manual capture Button or foot pedal every scan</p> | <p>Automatic capture Timer and automatic sensor</p> |
| Results |  <p>Curved text lines Mess near the binding</p> |  <p>Curved text lines Requires software fix</p> |  <p>Straight text lines Natively curvature-free</p> |



BookDrive Capture

BookDrive Capture is the application that controls the cameras. It supports a wide range of Canon EOS SLR cameras and allows you to change camera settings from directly within the software.

Press one button and the twin cameras will shoot left and right pages and render them on screen immediately. You will have a true left page and a true right page just like the originals.

Dual camera control

In-software camera status and settings
Live View
Support Canon EOS DSLRs
Support RAW
Capture single side (left or right)
Capture double sides (both left and right)

Fast Capture & Instant Edit

Time lapse
Auto Capture Switch
Easily insert, replace or delete images anywhere
Option to batch re-index filename
Instant rotate, crop, resize, DPI adjustment
Instant export to TIFF, PDF, or PDF/A

Manage

Multi-language support
Metadata and tags
Option to retain EXIF information
Ability to resume recent books
Support Western and East Asian page sequence
Smart preview
Magnifying area



BookDrive Editor Pro

BookDrive Editor Pro is for post-scan image processing. It's all you need to convert scanned images into final output of the highest quality, ready for distribution or archiving.

The robust image enhancement tools and the intuitive user interface come together to deliver professional results with minimal fuss.

Multi-book, multi-chapter batch operation

Make settings only for the first pair of images and the program will apply those settings to the remaining pairs automatically for unattended, hassle-free fast batch operation. You can work on many books and chapters at the same time.

Book Profiles

All the enhancements made to a book can be saved as a profile for later use by beginners or junior operators. Next time, simply select the profile instead of going through many configurations. The program comes with default profiles for frequently seen book types such as textbooks and old books.

A host of image enhancement possibilities

Rotation, de-skewing, crop, auto level, brightness and contrast adjustment, sharpening, black border removal, image resize and DPI adjustment, etc. Available output formats include PDF, PDF/A, and TIFF (LZW and CCITT G4 in either single-page or multi-page files, and JPEG).

Global and Dynamic Cropping, and Padding

Dynamic Crop lets you crop the same size, but slightly varying position based on the page edge (if the book slightly shifts during scanning) or where text is (if you want your output to have text appear at the same position in every page). You can add artificial border so that text appears at the center of the page exactly.

Smart Background Removal

BookDrive Editor Pro can replace unwanted yellow tint commonly found in old books with bright and clear background free from speckles and stains. Color and highlights in the page can be preserved while giving new life to grey and drab pages.

Superior Black and White conversion

BookDrive Editor Pro will produce superior B&W output, thanks to the advanced Adaptive Local Thresholding technique that intelligently converts each pixel to black or white according to the information of that pixel relative to the surrounding area.

Sophisticated Export Tool

The export tool lets you easily output files either as single-page, or multi-page TIFF, PDF or even ISO 19005-1 compliant PDF/A document, a format well-suited to long-term archiving and preservation.

No activation, no hassle.

No activation need to begin using the software. Easily move between computers. Install the software on as many computers as you need. All you need is the included USB dongle.

Software Requirements

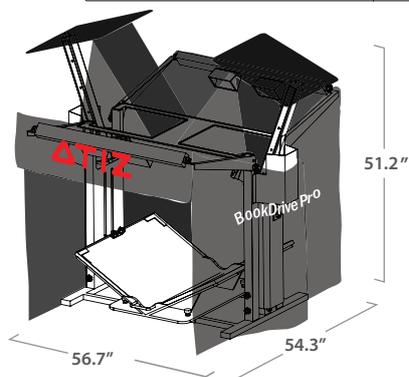
- Windows 7, 8, 8.1, or 10
- USB 2.0 or USB 3.0 port and cable
- CPU 1 GHz or higher
- RAM 4 GB minimum (8GB is highly recommended)
- 10 GB available disk space (SSD drive is recommended for faster performance)
- 1600 x 1024 resolution monitor
- Microsoft .NET Framework 4 installed.
- Important: some new camera models may require USB3.0 compatible hub and PC.
- For Nikon cameras, an SD card is needed. (Canon camera does not need an SD card)

COMPATIBLE CAMERAS AND LENSES

Canon

Nikon

| | Cannon | | Nikon | |
|---------------------|--|--|--|--|
| | Crop Frame Cameras (1.6x crop factor) Canon EOS 1300D, 1200D, 1100D, 1000D, 760D, 750D, 700D, 600D, 650D, 550D, 500D, 450D, 100D, 70D, 60D, 50D, 40D, 7D Mark II, 7D | | Crop Frame Cameras (1.5x crop factor) Nikon D7200, D7100, D5500, D5300, D3300, D3200 * Requires memory card | |
| Scanning A4 - A3 | Prime Lens  EF 50mm (e.g. EF 50mm f/1.8 II) | Zoom Lens  EF-S18-55mm f/3.5-5.6 IS | Prime Lens  50mm (e.g. AF-S NIKKOR 50mm f/1.8G) | Zoom Lens  AF-S DX NIKKOR 18-55mm f/3.5-5.6 |
| | Prime Lens  EF 35mm (e.g. EF 35mm f/2) | | <ul style="list-style-type: none"> Zoomed at 50mm for scanning A4 to A3 Zoomed at 35mm for scanning A3 to A2 | Prime Lens  35mm (e.g. AF-S NIKKOR 35mm f/1.8G) |
| | Full Frame Canon EOS 5DS / 5DS R, 5D Mark II, 5D Mark III, 1Ds Mark III, 1D X, 1D C, 6D | | Full Frame (with FX lenses only) Nikon D800, D810, D750, D610 * Requires memory card | |
| Scanning A4 - A3 | Prime Lens  EF 85mm (e.g. EF 85mm f/1.8 USM) | Zoom Lens  EF 24- 105mm f/4L IS USM |  Prime Lens 85mm (e.g. AF-S NIKKOR 85mm f/1.8D) |  Zoom Lens AF-S VR ZOOM- NIKKOR 24-120mm f/3.5-5.6 |
| | Prime Lens  EF 50mm (e.g. EF 50mm f/1.8 II) | | <ul style="list-style-type: none"> Zoomed at 85mm for scanning A4 to A3 Zoomed at 50mm for scanning A3 to A2 |  Prime Lens 50mm (e.g. AF-S NIKKOR 50mm f/1.8G) |



Height: 51.2 inches (130 cm)
Width: 56.7 inches (144 cm)
Depth: 54.3 inches (138 cm)
Weight: 118.8 lbs (54 kg)



Maximum scanning area: 16.5 x 24.2 inches (42 x 61.5 cm)
Maximum book thickness: 12 cm

Base

- The platform
- Adjustable camera mount x 2
- V-shaped book cradle
- V-shaped transparent platen
- LED lighting panels
- Auto Capture Switch
- Glare-prevention shade
- USB hub
- Software Installation CD
 - 1 USB dongle of BookDrive Capture software
 - 1 USB dongle of BookDrive Editor Pro software
- Printed and electronic documentation
- Image IQ

Optional

- Digital SLR cameras x 2
- Recommended lenses x 2
- AC Adapters x 2

The information on this brochure is subject to change without notice. Please visit www.atiz.com for the most current information.

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