# ATIZ

# BookDrive Mark 2

## Top of the line,
## for A2 books and bound documents

- ☑ Superior Ergonomics
- ☑ Perfected Light Design
- ☑ Powerful Software Suite
- ☑ Adjustable "V" Cradle
- ☑ Canon Support
- ☑ FADGI Compliant



## Fast Facts

- The latest and most powerful model from the Atiz family of book scanners

- Built with close collaboration and feedback from customers and technical specialists

- Superior ergonomics, operator comfort and safety

- Major upgrade on image quality and software functionality

# THE INDUSTRY STANDARD

BookDrive is a de facto industry standard of how libraries around the world digitize their books today. A dual-camera "V" cradle imaging system captures images of books and print materials, without risk of damage to the items being scanned. This scanning solution pioneered by Atiz has become so successful that it is widely embraced even by competitors.

## SOME OF THE REASONS WHY CUSTOMERS CHOSE THE ATIZ.

### "We chose the Atiz for the following reasons:

**Simplicity of its design**
There are fewer things that can go wrong. There are no motors, and fewer moving parts.

**Modularity**
If we want to upgrade to more powerful lenses or cameras in the future, we can just buy them and install them ourselves without having to purchase a whole new machine. Therefore the Atiz Mark II is more safe from obsolescence.
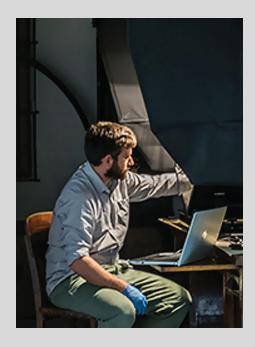
**Size**
The Atiz Mark II takes up less space than the other units we were considering.

**Cost**
This product was considerably cheaper than the other units we were considering.

**Speed**
The Mark II can capture 2 high-resolution images in a couple of seconds including the time it takes to turn the page. Overhead planetary scanners take many times longer, depending on the resolution.

## WHAT IS BOOKDRIVE?

BookDrive is a dual-camera adjustable "V" cradle imaging system for capturing images of books and other print material, including bound volumes, without risk of damage to the items being scanned. It is a scanning solution created by Atiz that has become the industry standard and widely embraced even by competitors.

## SUPERIOR ERGONOMICS, COMFORT AND SAFETY

Ergonomics, operator comfort and safety received a major upgrade. BookDrive Mark 2 is easier on your eyes and ears.

- No direct light facing toward users
- Lighting dims when turned on and turned off
- Cool and silent operation
- Better overall ergonomics

## THE "V" SYSTEM GETS A MAJOR UPGRADE

**Better, scratch-resistant V platen**
The V platen is made using a premium scratch-resistant material that is more transparent and durable than glass allowing for better scanned images.
It is manufactured using a different production technique so that it allows you to scan deeper into the gutter.

**Flexible cradle for thick-spine books**
The new V cradle is better and more flexible. The cradle is adjustable, the angle altered and opened apart. This makes for optimal page contact for all kinds of book bindings and spine thicknesses. The self-centering cradle slide sideways during scanning keeping the books centered.
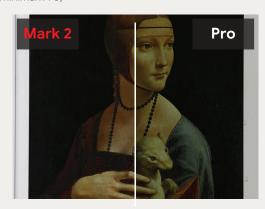
**V platen so light**
New V platen mechanics allow for the operator better control of the platen to mitigate risk of operator injury or damage to items being digitized. It is fingertip light to lift or lower. The platen hovers in the air and stays exactly where you position it.

# PERFECTED LIGHT DESIGN FOR GREATER IMAGE QUALITY

**Better image quality backed up by stats**

Even light distribution with no bright or dark spot visible anywhere in the frame.

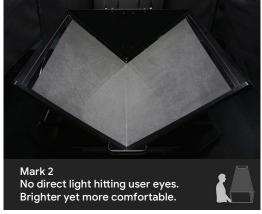1500 LUX minimum
3000K LED, (up to 3250K)
High CRI (minimum 90)



Comparison of scanned images on BookDrive Mark 2 vs. BookDrive Pro using the same camera settings (non-enhanced images).

## YES IT WORKS WITH CANON 5DS
Native, High DPI for Large Materials
### 50.6 Megapixel

Mark 2
No direct light hitting user eyes.
Brighter yet more comfortable.

# THE BEST SUITE OF SOFTWARE

Software determines the true productivity of a system and software from Atiz is the best.

## BookDrive Capture Pro

The application that controls the cemeras and makes on-the-fly editing to the images during scan.

- 2x Canon cameras, minimum 242 DPI
- Operator can view captured images on a monitor in the correct orientation without additional adjustment
- Fast shooting up to 800 pages/hour
- In-software camera settings allow you to configure settings such as shutter speed, aperture and other properties of the camera
- Support 24 bit color, grayscale, black and white

- Metadata support
- Various convenient way to capture: by timed lapse or by using Auto Capture Switch
- RAW support and a workflow that allow you to convert from RAW files to lossless formats such as TIFF, JPG, CR2
- Easily insert missing pages or replace or delete unwanted ones. All the affected files will be named correctly and automatically

## BookDrive Editor Pro

The application for advanced post-scan image processing to create output of the highest quality ready for distribution.

- Robust enhancement tools and intuitive use interface deliver professional results with minimal fuss
- Fast Batch processing for unattended, hassle-free operation
- Multi-book,multi-chapteroperation
- Book Profiling for quickly applying the same settings to similar kind of books
- Adaptive Local Thresholding for highest quality B&W conversion

- Verifiable image resolution
- Support the sRGB color space
- Capable of providing uncompressed 24-bit color TIFF files that conform to ISO 12234-2.2
- And a lot more (including rotation, deskew, crop, auto level, despeckle, brightness and contrast adjustment, etc.)
- Available output formats include PDF (single or multi-page file), TIFF (LZW and CCITT Group 4, single or multi-page file) and JPEG
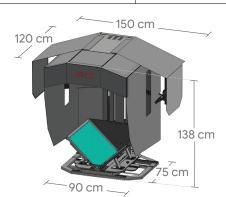
# COMPATIBLE CAMERAS AND LENSES

## Canon

## Nikon

**Crop Frame Cameras (1.6x crop factor)**
Canon EOS 1500D,1300D ,1200D, 1100D, 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

* Require memory card

**Scanning A4**

Prime Lens

EF 50mm
(e.g. EF 50mm f/1.8 II)

Zoom Lens

Prime Lens

50mm
(e.g. AF-S NIKKOR 50mm f/1.8G)

Zoom Lens

**Scanning A2**

Prime Lens

EF 35mm
(e.g. EF 35mm f/2)

EF-S18-55mm f/3.5-5.6 IS

• Zoomed at 50-35mm for scanning A4 to A2

Prime Lens

35mm
(e.g. AF-S NIKKOR 35mm f/1.8G)

AF-S DX NIKKOR
18-55mm f/3.5-5.6

• Zoomed at 50-35mm for scanning A4 to A2

**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

* Require memory card

**Scanning A4**

Prime Lens

EF 85mm
(e.g. EF 85mm f/1.8 USM)

Zoom Lens

Prime Lens

85mm
(e.g. AF-S NIKKOR 85mm f/1.8D)

Zoom Lens

**Scanning A2**

Prime Lens

EF 50mm
(e.g. EF 50mm f/1.8 II)

EF 24- 105mm f/4L IS USM

• Zoomed at 85-50mm for scanning A4 to A2

Prime Lens

50mm
(e.g. AF-S NIKKOR 50mm f/1.8G)

AF-S VR ZOOM- NIKKOR
24-120mm f/3.5-5.6

• Zoomed at 85-50mm for scanning A4 to A2

*With EOS 5DS(r) and 24-105 mm F4L IS USM

150 cm
120 cm
138 cm
75 cm
90 cm

94°
62 cm
43 cm

Maximum scanning area: 43 x 62 cm (16.9 x 24.4 inches )
Maximum book thickness: 15 cm (5.9 inches)

## Top Features

Latest generation scanner, Extra Large

V-shaped scanning, 2 x A2

Superior ergonomic and comfort design

Fully adjustable V-cradle with soft surface

Convenient assisted camera positioning

Auto Capture Switch integrated
for scanning without pushing buttons

## Product Dimension

Base footprint: 75 x 90 cm
(17.9 x 59.8 x 22 inches)

Overall dimension: 120 x 150 x 138 cm
(47.3 x 59.0 x 54.3 inches)

Weight: 80 kg (176 lbs)

## Box Packaging

Box 1: 45.5 x 152 x 56 cm
(17.9 x 59.8 x 22 inches)
Weight: 52 kg (114.4 lbs)

Box 2: 60 x 60 x 79 cm
(23.6 x 23.2 x 31.1 inches)
Weight: 17 kg (37.4 lbs)

Box 3: 32 x 102 x 82 cm
(12.6 x 40.2 x 32.3 inches)
Weight: 32 kg (70.4 lbs)

## Scanning Size

A2 Size: 42 x 59.4 cm
(6.54 x 23.39 inches) 351 DPI*

A3 Size: 29.7 x 42 cm
(11.69 x 16.54 inches) 495 DPI*

A4 Size: 21 x 29.7 cm
(8.27 x 11.69 inches) 700 DPI*

Legal (F4) Size: 21.5 x 34.2 cm
(8.5 x 13.5 inches) 700 DPI*