



Joyusing Scanner Software User Manual

V2.0(2024.11.01)

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1. Software Download

1.1. Download software for Windows

Link to the website:

<https://www.joyusing.com/download-bookscanner.html>

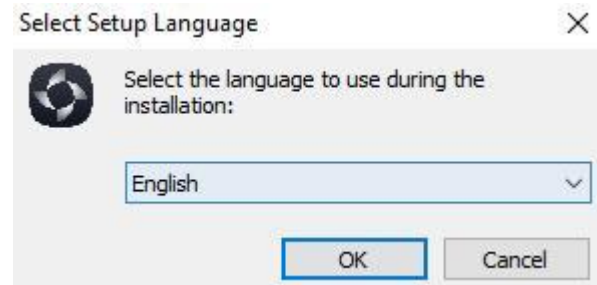
Choose the software.

1.2. Download software for Mac

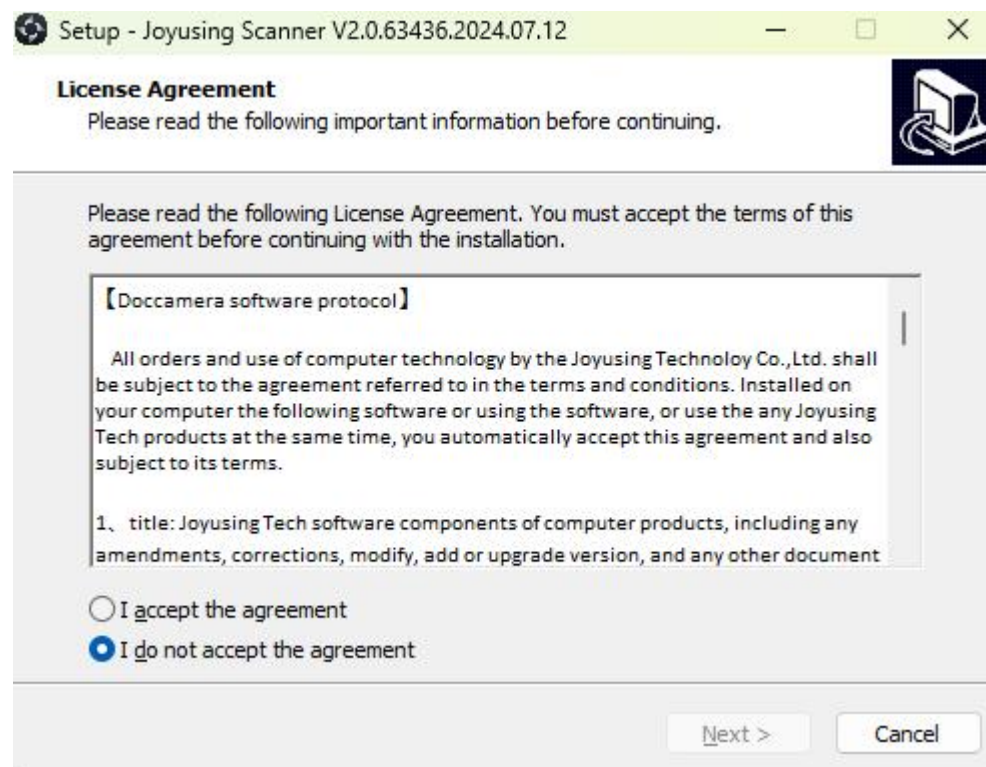
Search 'Joyusing Scanner' in AppStore to download the software.

2. Software Installation

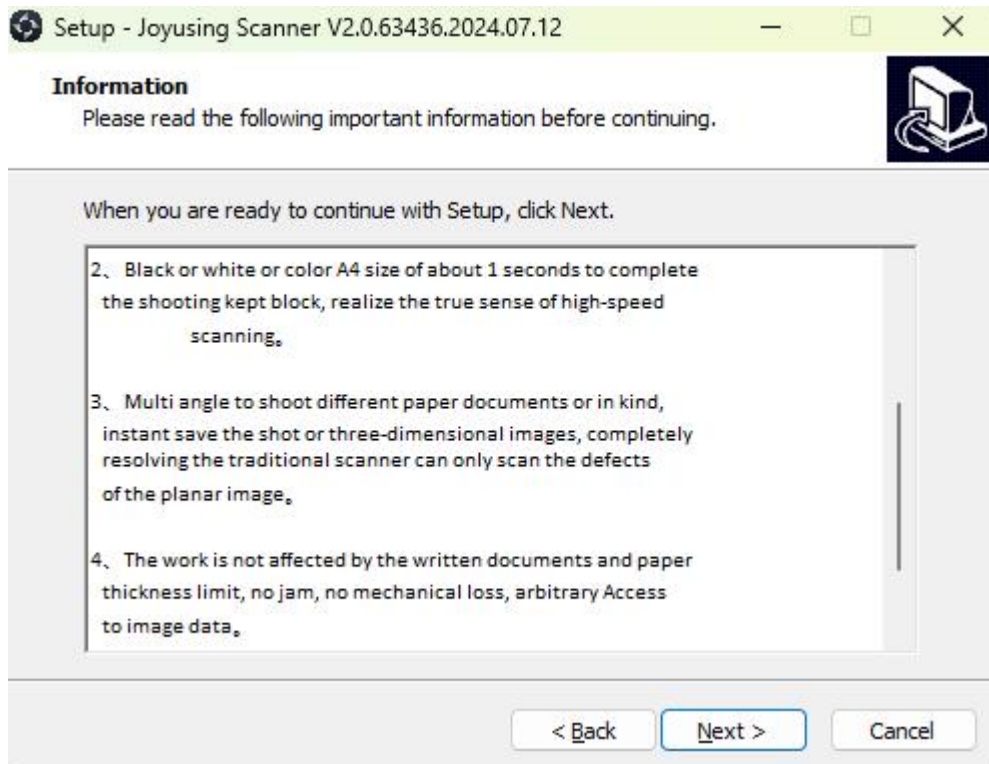
Run the installation program, and then the following window will pop up to select installation language.



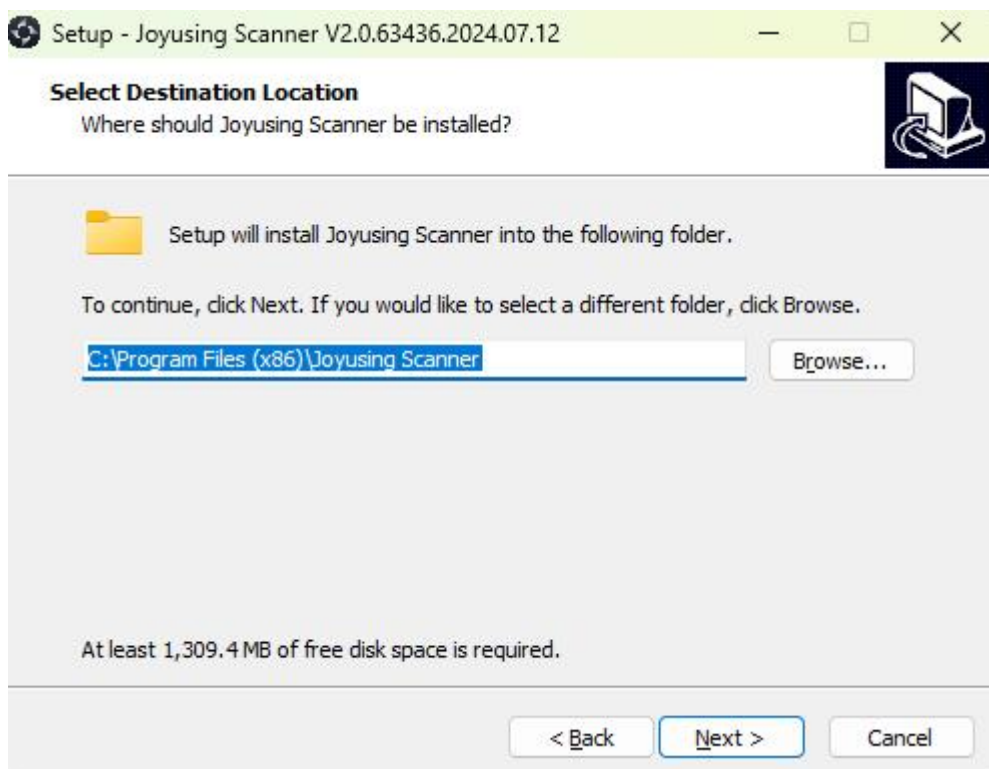
Select language and then enter 'License Agreement' step.



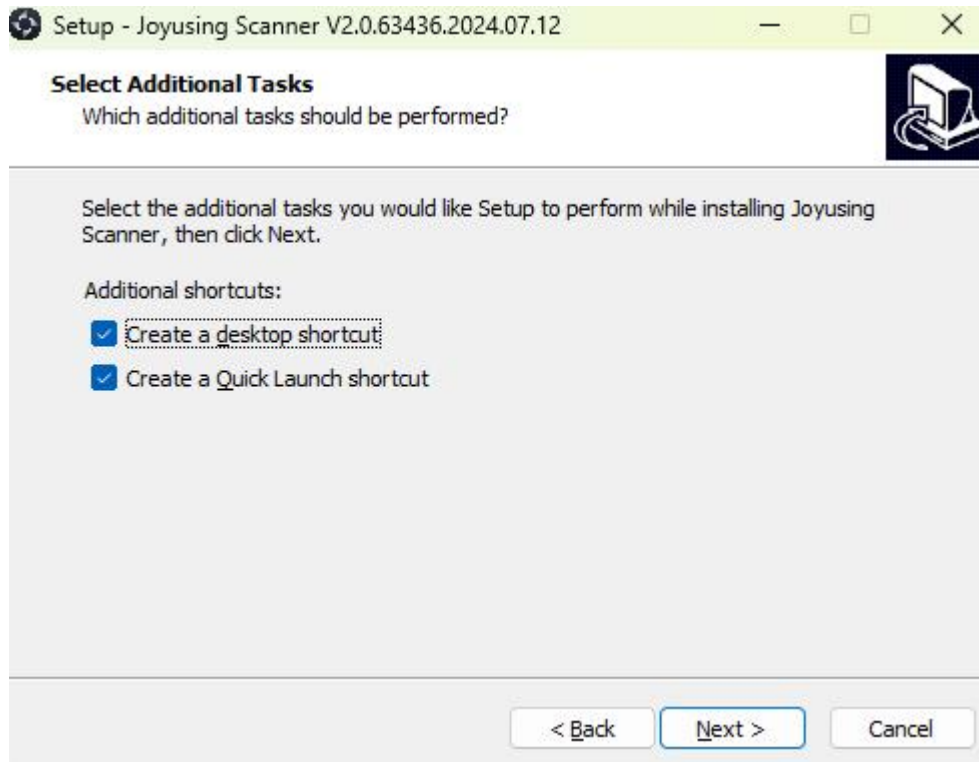
Check and accept the agreement and enter next step.



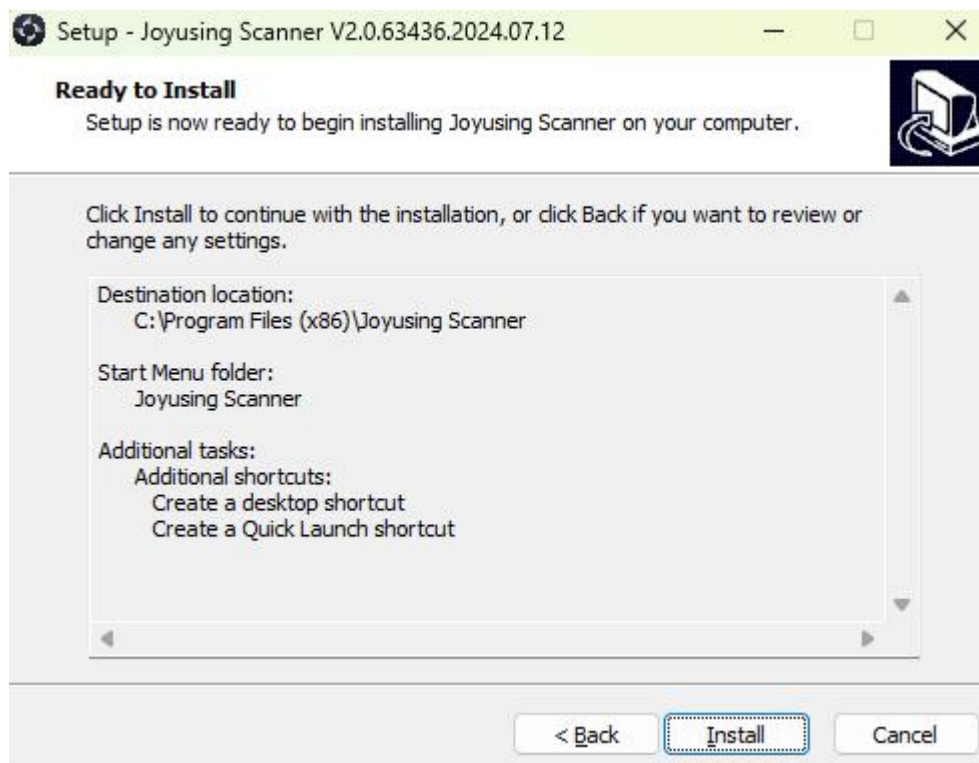
Click 'Next' then select installation path.



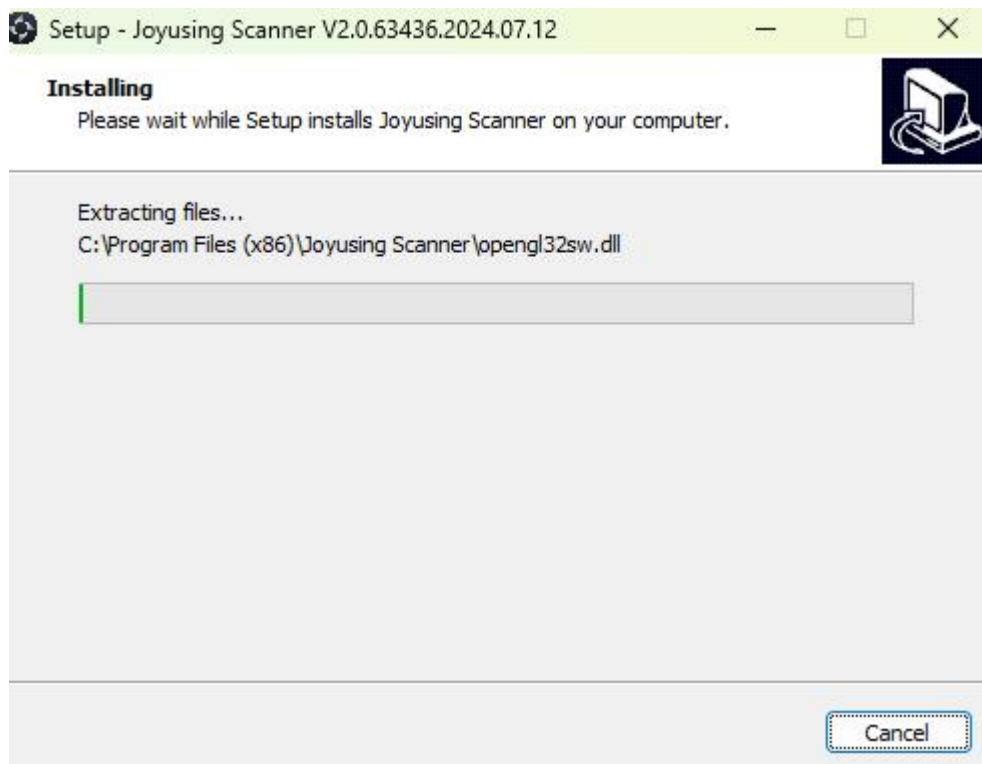
Select installation path and click 'Next' then create a software shortcut in Start Menu.



Select additional shortcuts if necessary and then click 'Next'.



Now installation is ready to begin and showing overview of previous settings. Click 'Install' to start.



Installation program will take a while.



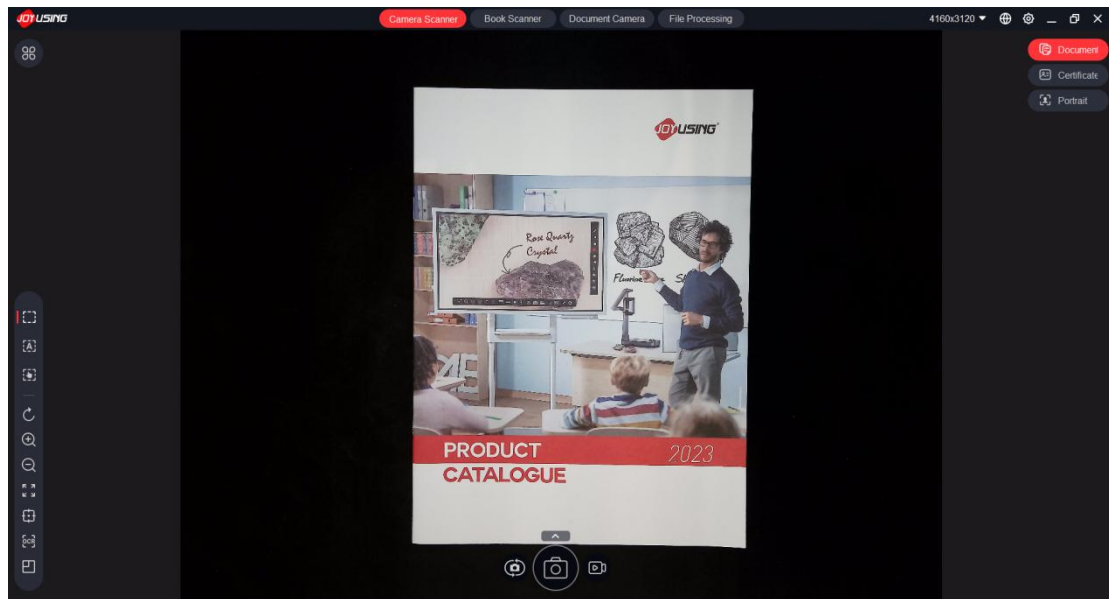
You can choose if launch the software when installation finished.

3. Functions

3.1. Software Startup



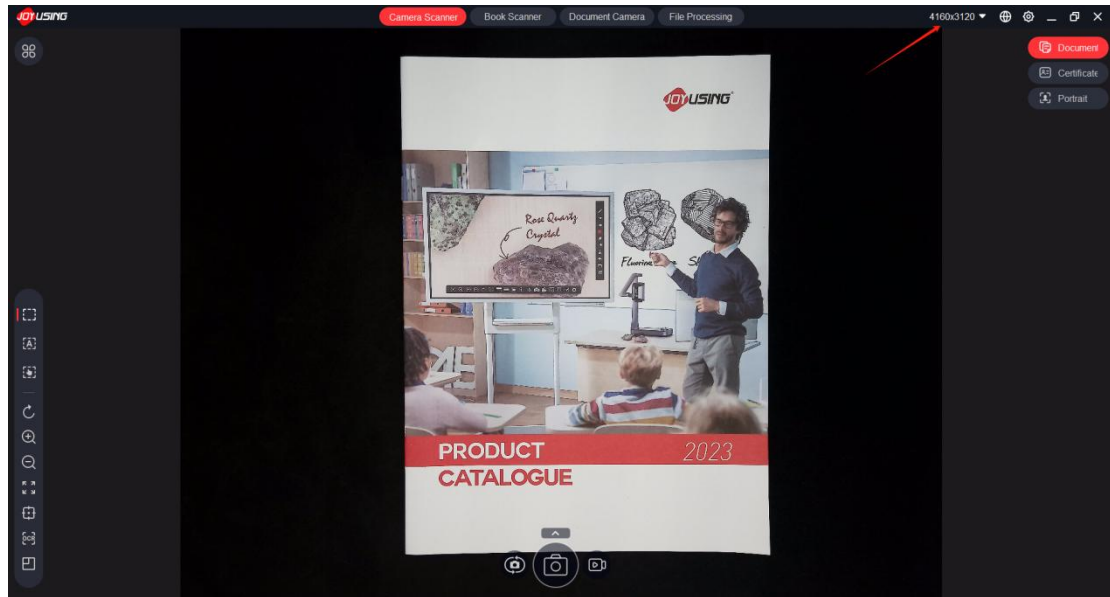
Double click the shortcut on Desktop or Quick Launch to open the software. The user interface is as follow:



The user interface has 4 modes: Camera Scanner, Book Scanner, Document Camera and File Processing.

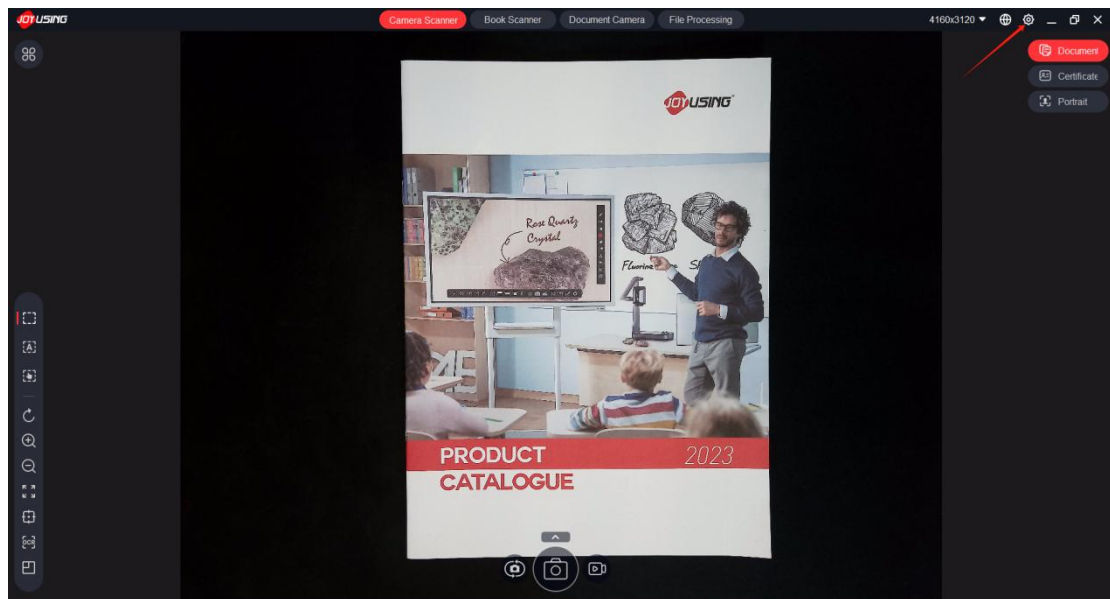
3.1.1. Select resolution

Change the resolution from the drop-down menu.

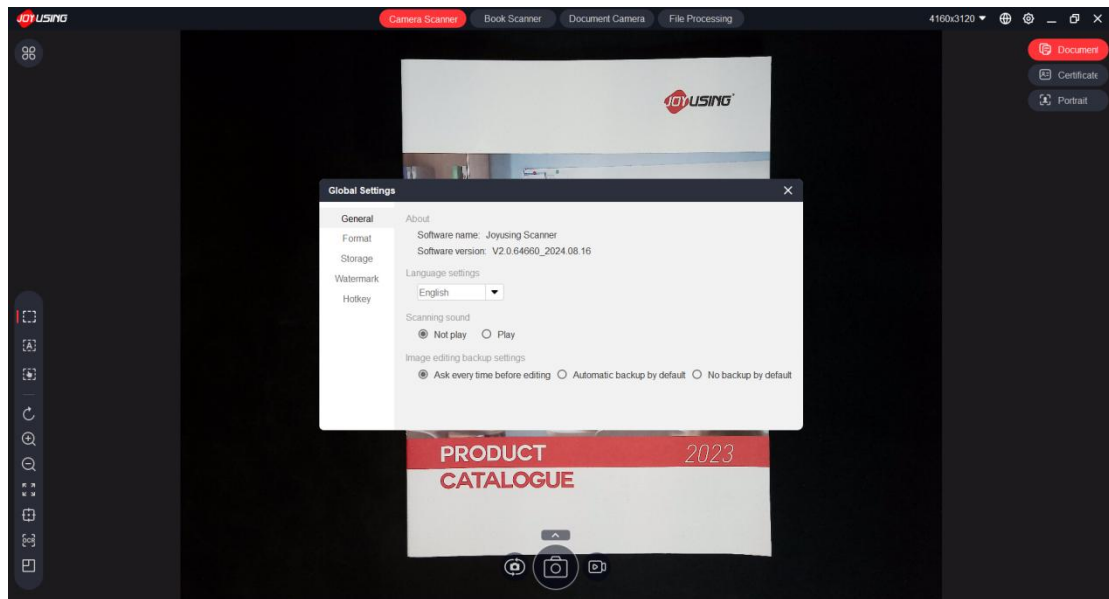


3.1.2. Setting menu

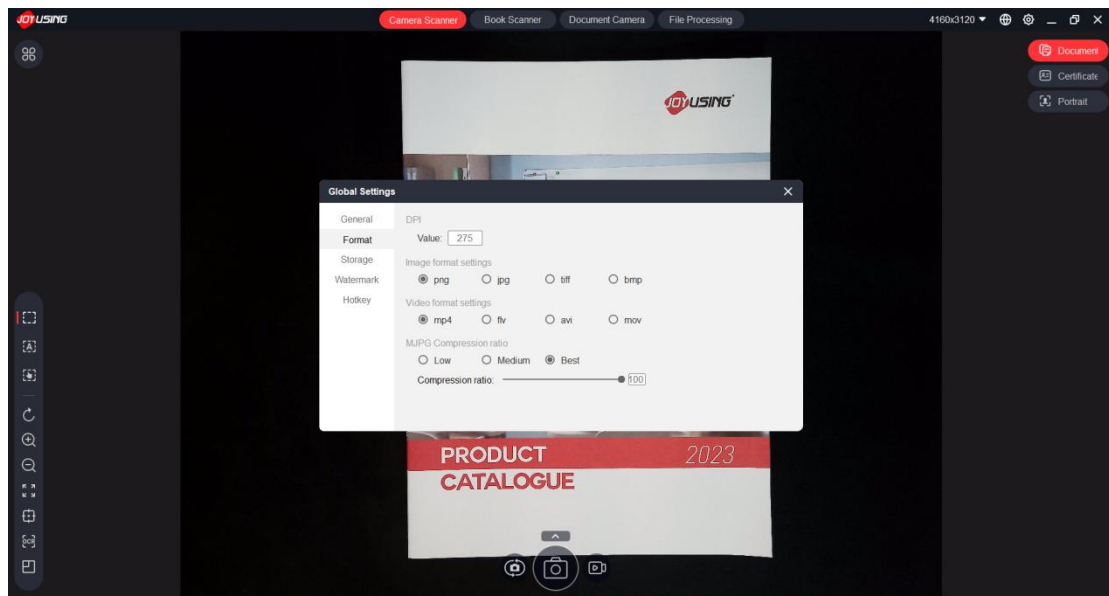
Click the gear icon to open the software settings.



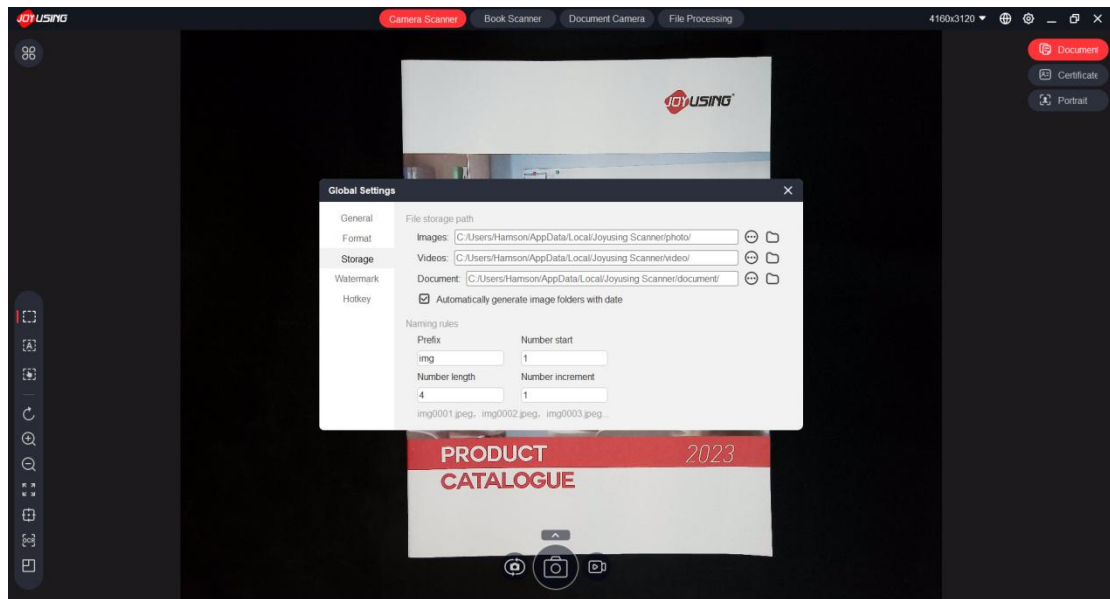
Software information, language settings, scanning sound, image backup settings in 'General' column.



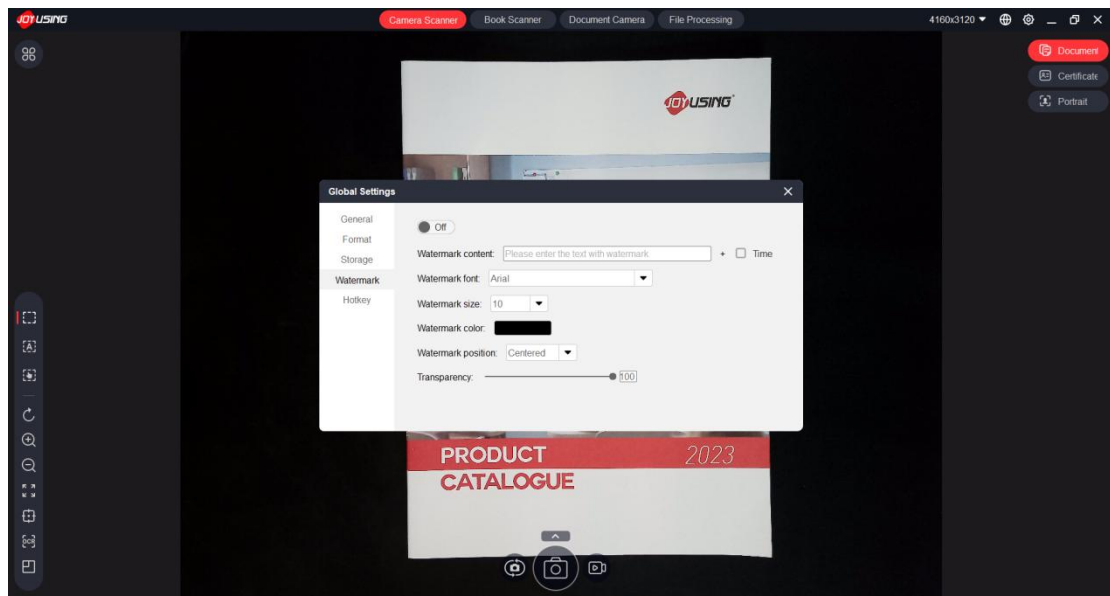
Change DPI, output format, compression rate in 'Format' column.



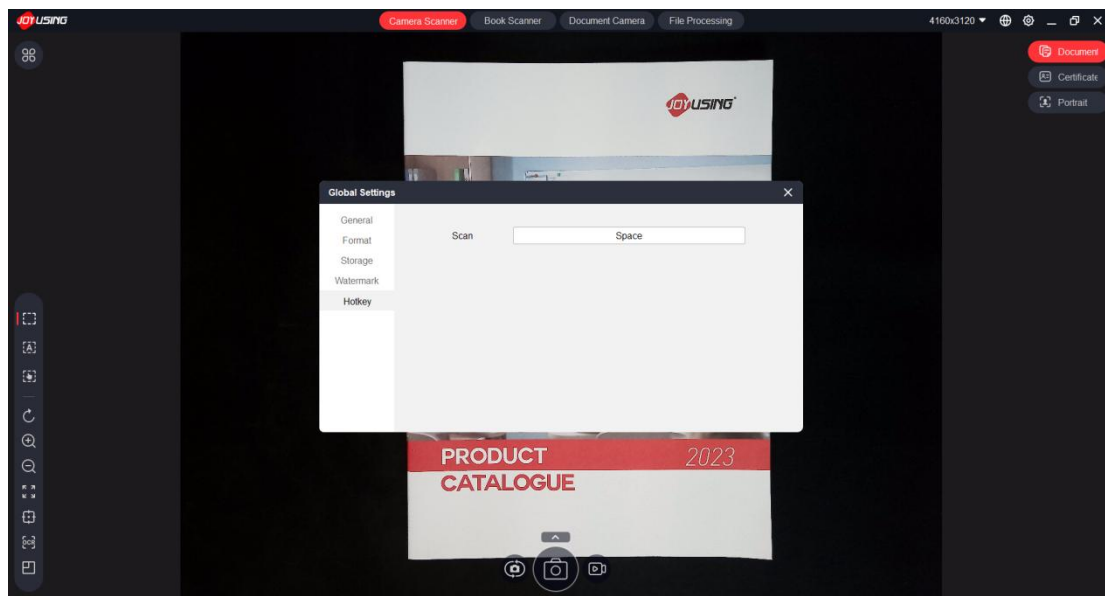
Change storage path, file name in 'Storage' column.



Add watermark, change watermark settings in 'Watermark' column.



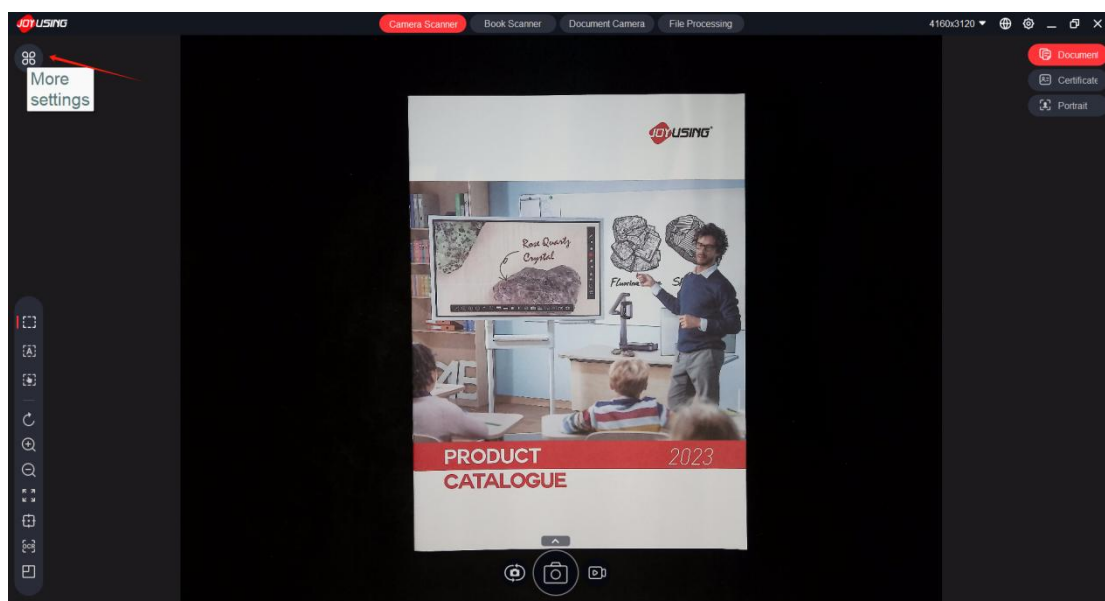
Change hotkey for scanning in 'Hotkey' column.



3.2. Camera Scanner mode

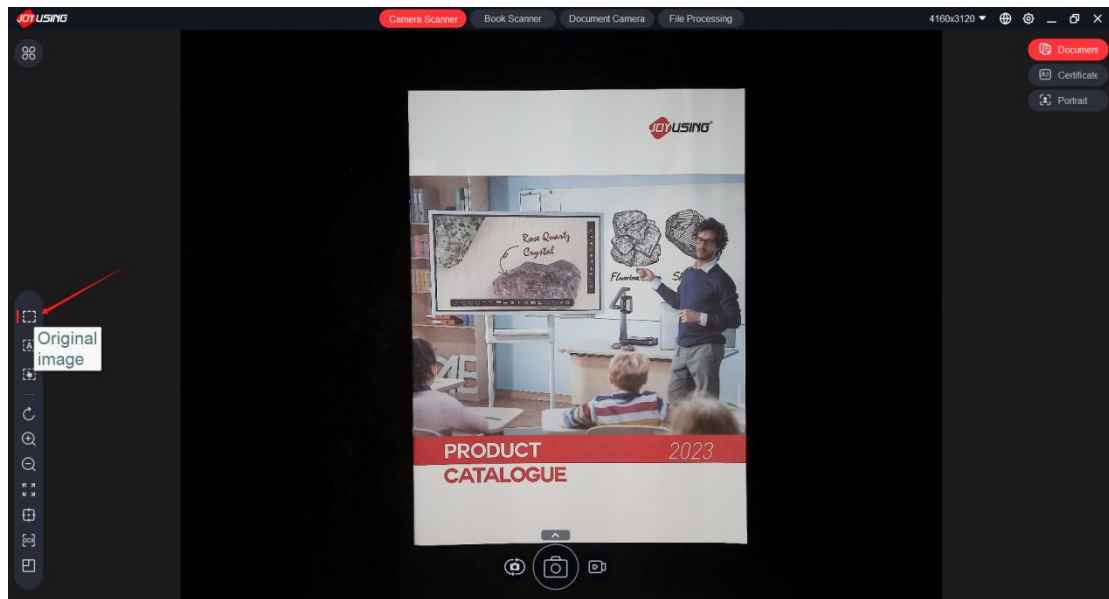
3.2.1. Camera settings

Call the settings table to adjust the basic camera settings.

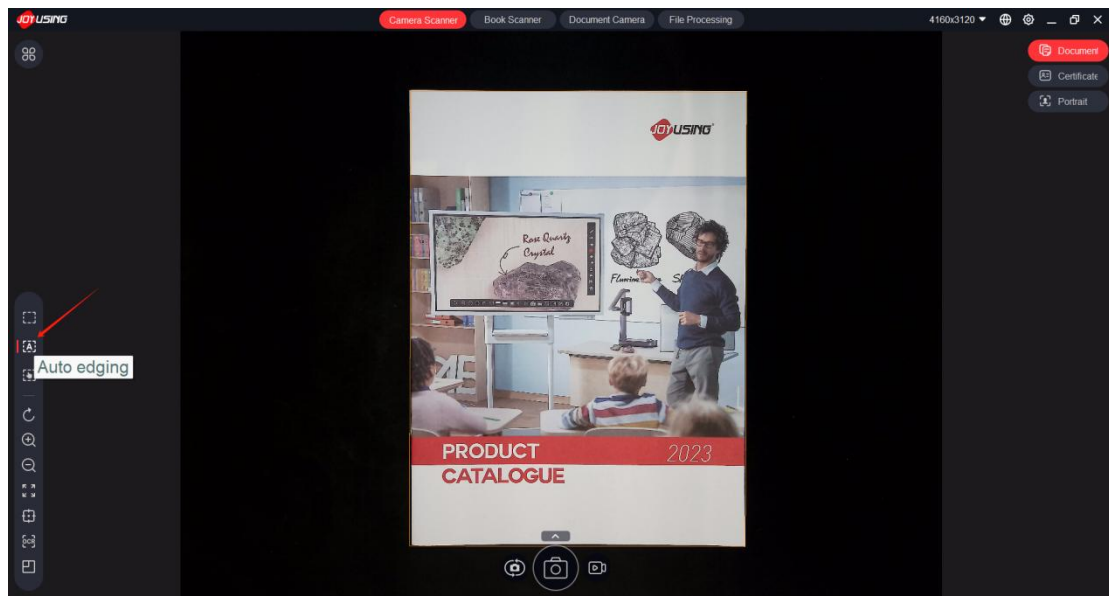


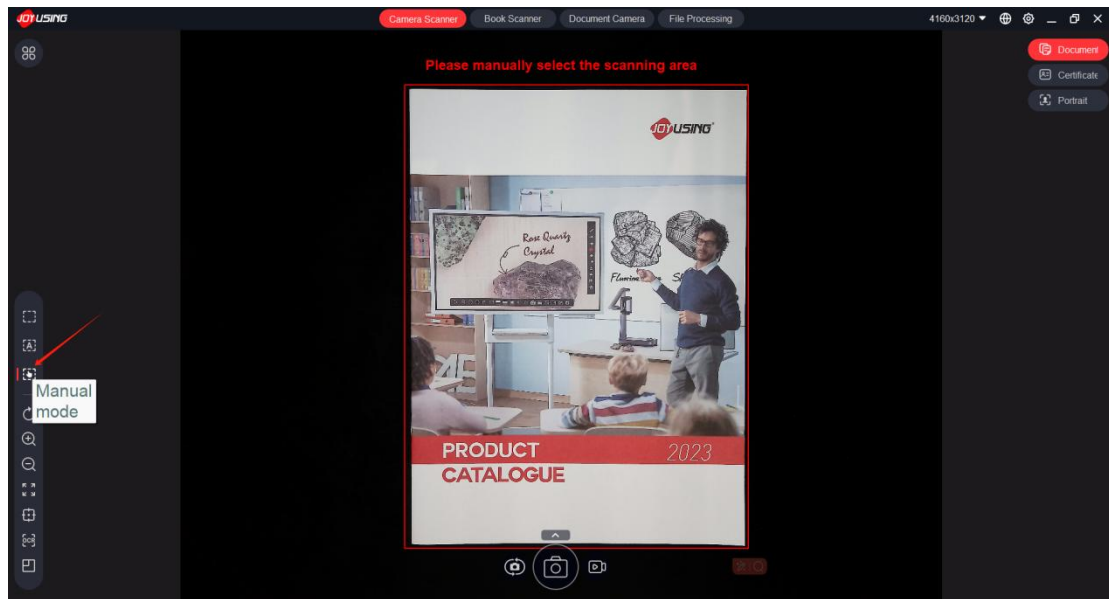
3.2.2. Scan area

Original image: scan the original image with no processing or cropping.



Auto edging: automatically detect edges and scan the image within the frame.

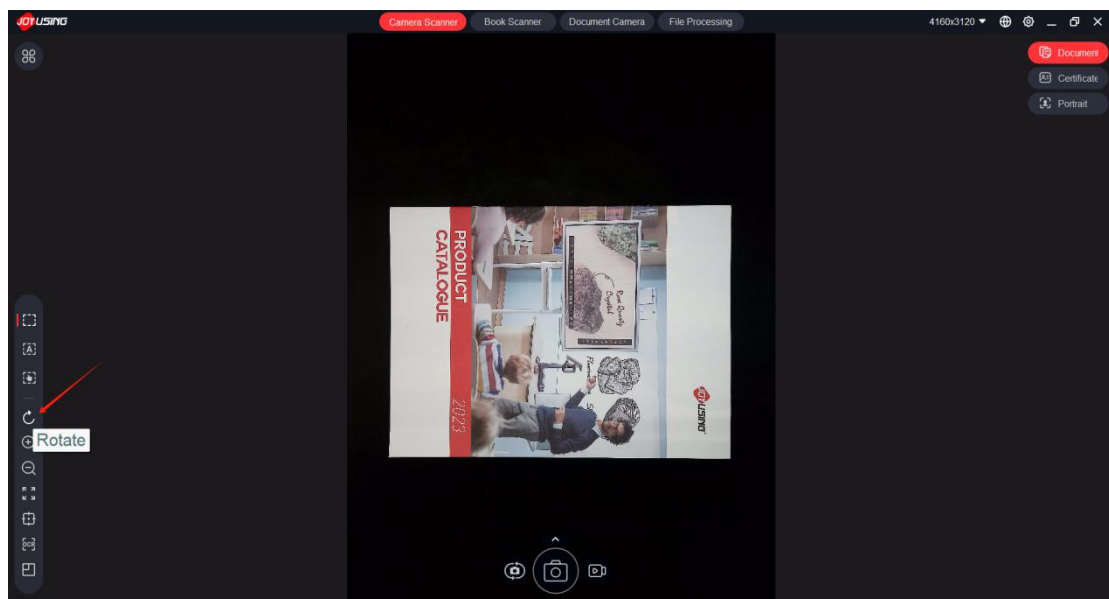




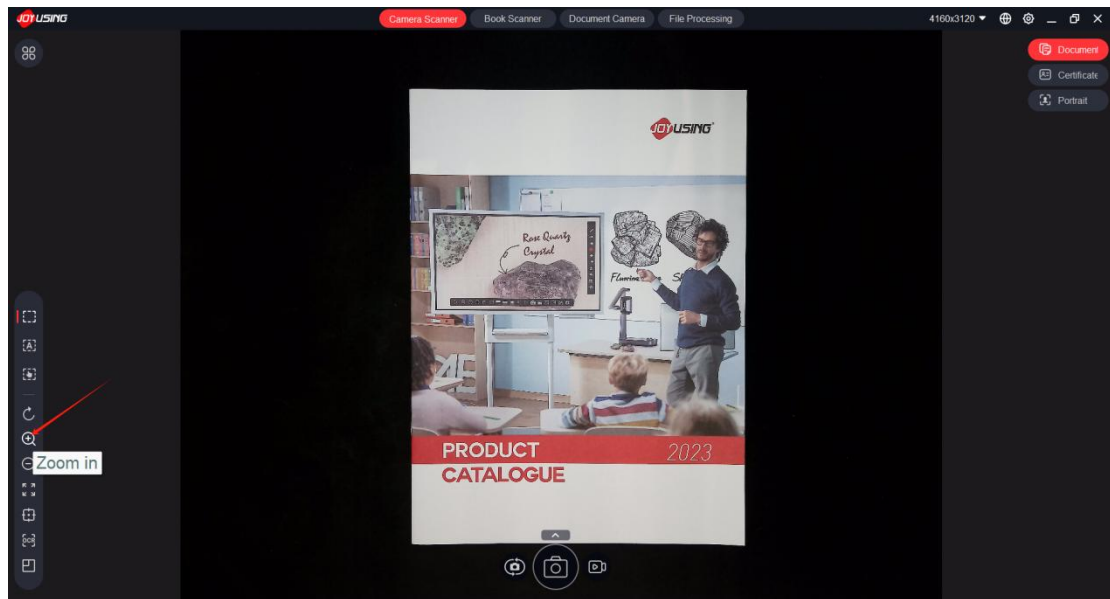
Manual mode: manually select the scan area and perform the scan.

3.2.3. Preview mode

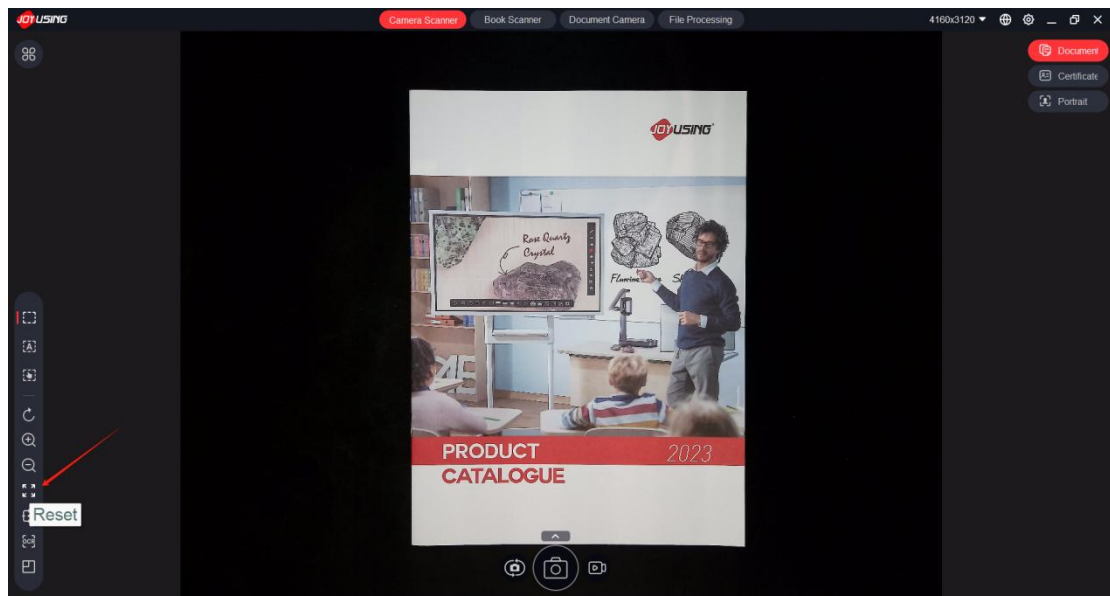
Rotate: rotate the preview image in 90 degrees increment.



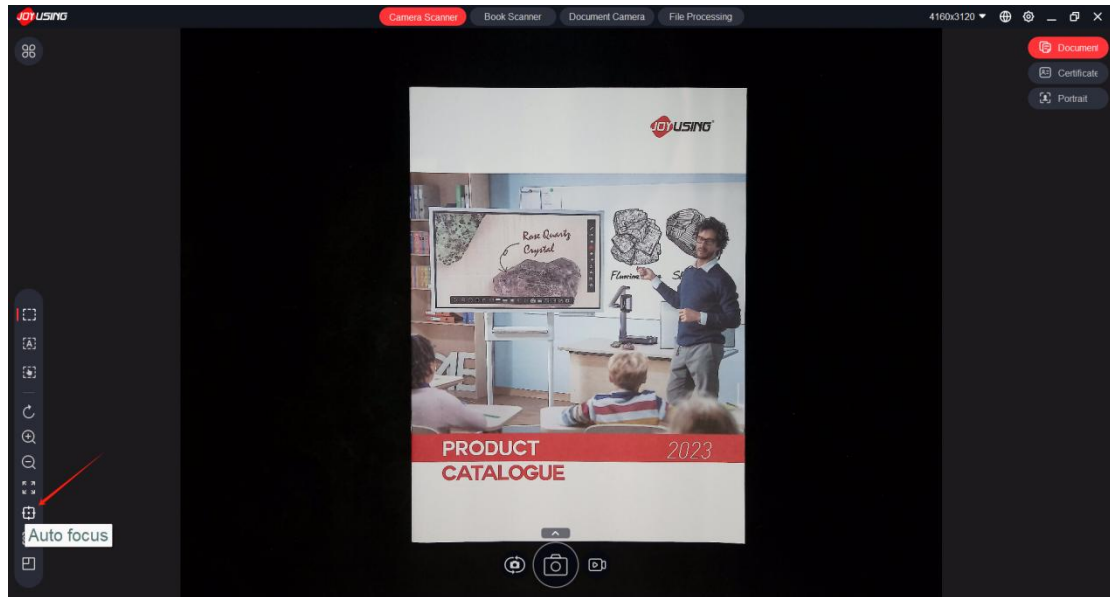
Zoom in/out: zoom in and out on the preview image.



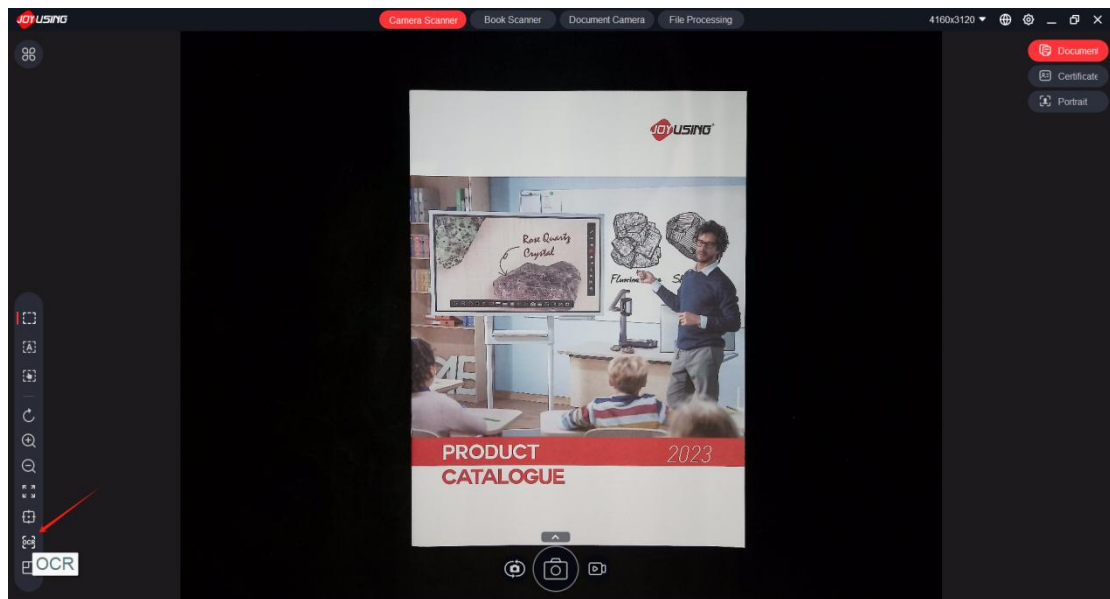
Reset: restore the preview image to default state.

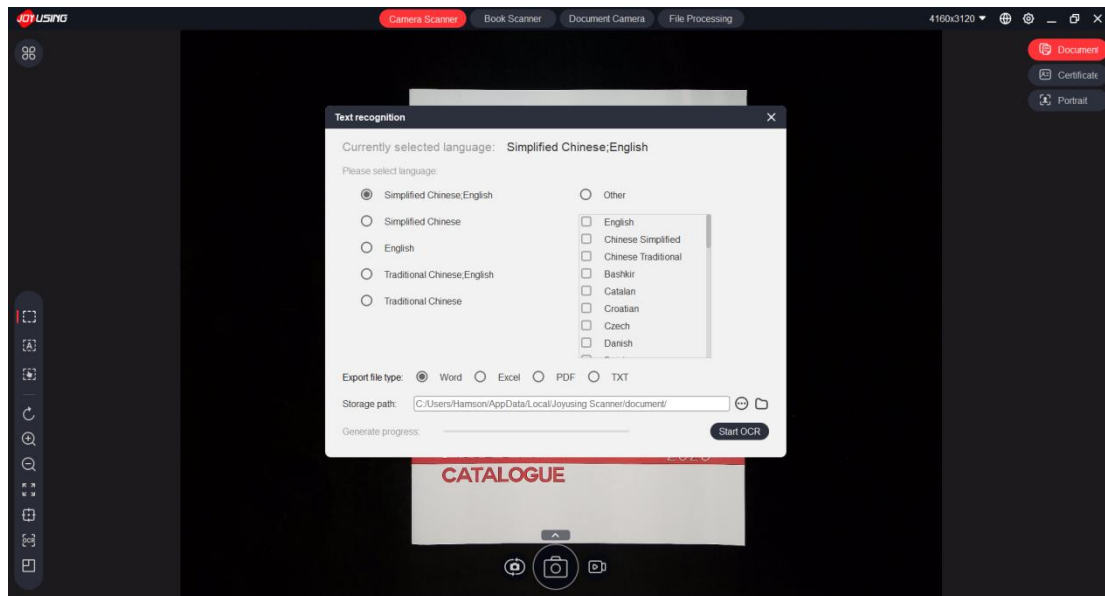


Auto focus: automatically detect and adjust the focus to improve the preview image quality.

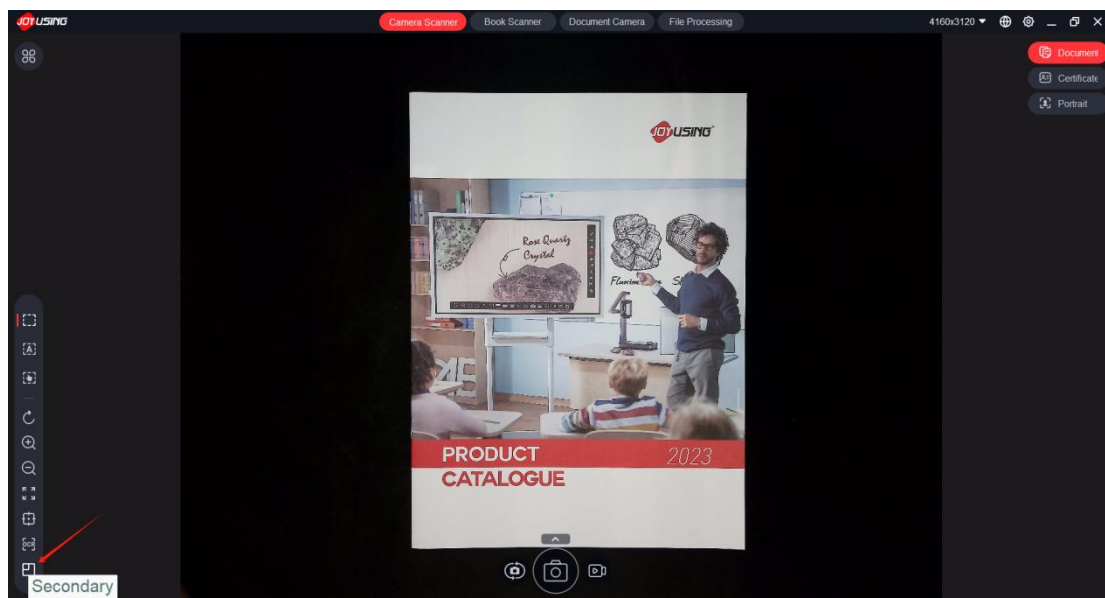


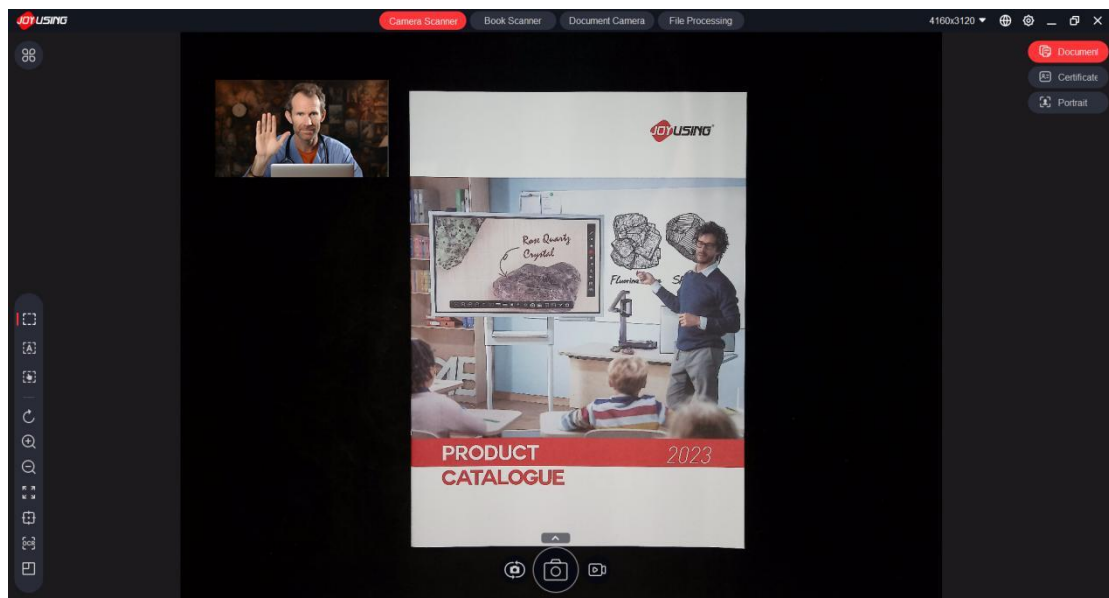
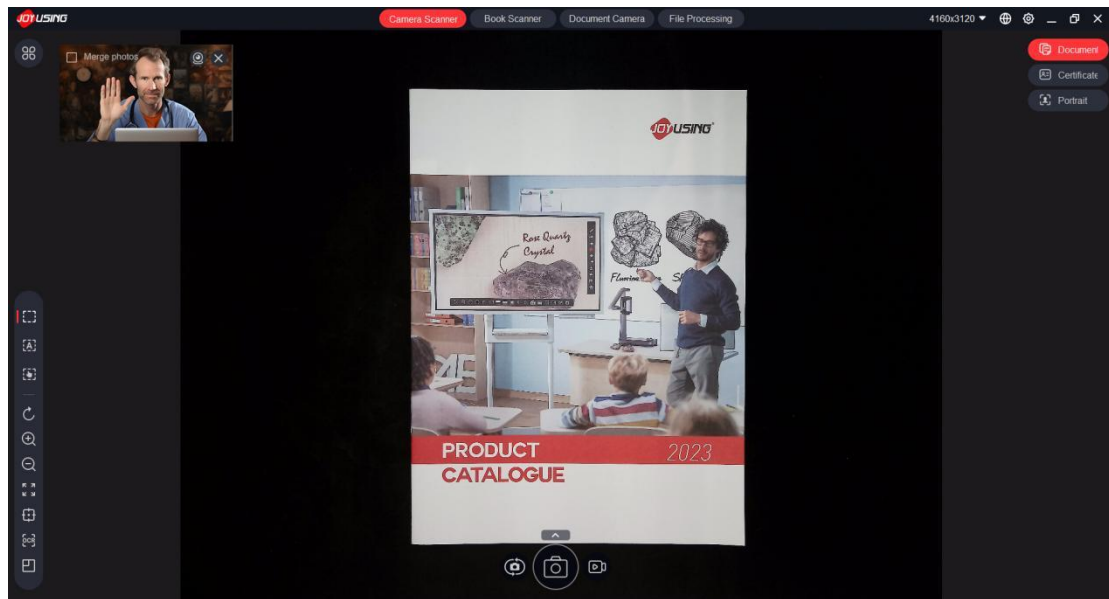
OCR: Scan the preview image and recognize the words(OCR). Select the languages, output format and change storage path in secondary interface. OCR process will take a few seconds, and a prompt will appear when OCR process is complete.





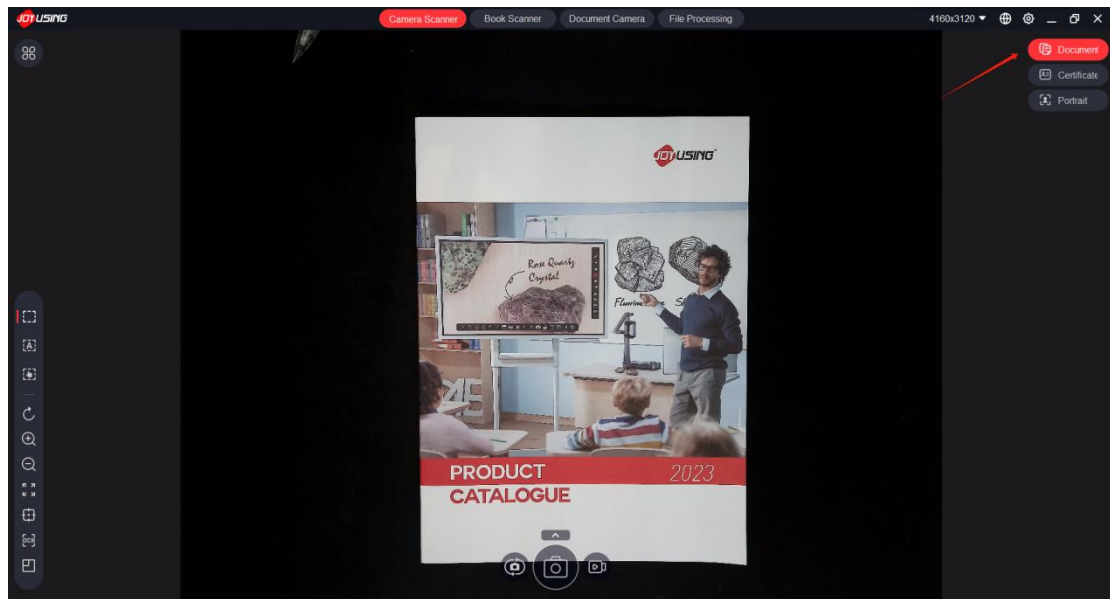
Secondary camera: add an image from secondary camera. Click 'Merge photos' to merge the image from secondary camera into preview image, and it will be also included in the scanned image. Notice: you can change the position and adjust the size of the secondary camera image.



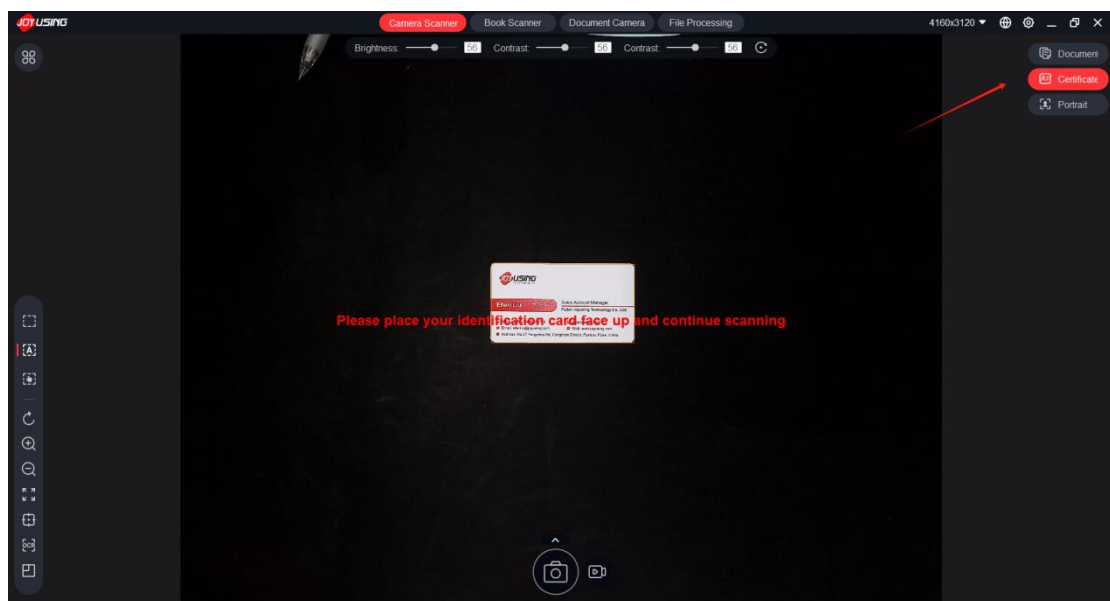


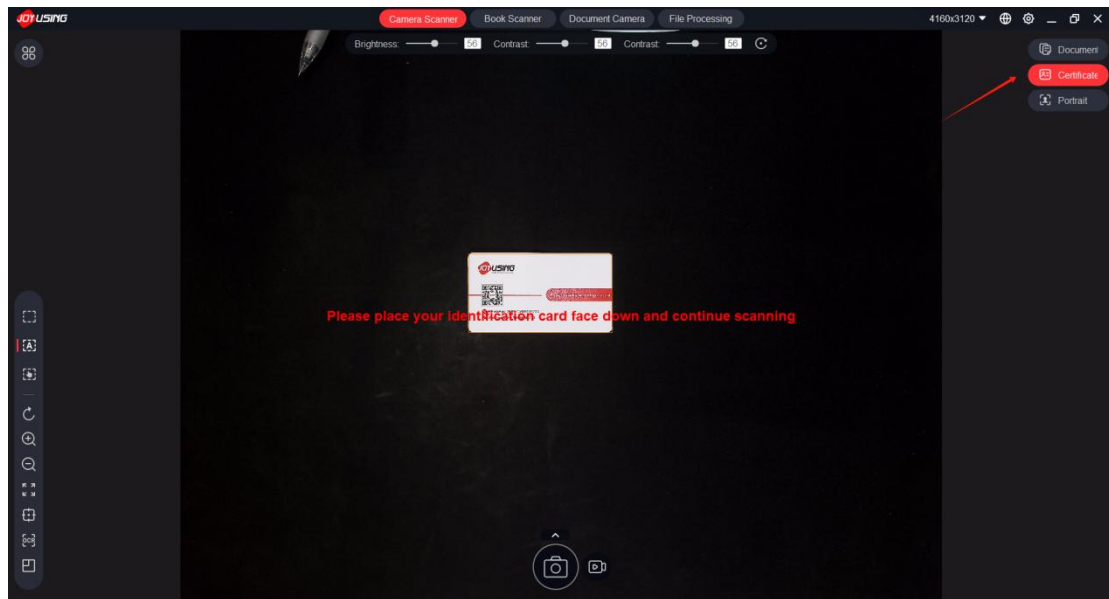
3.2.4. Scan mode

Document mode: perform image optimization on the scanned objects of document type to make the text clearer and improve OCR accuracy.

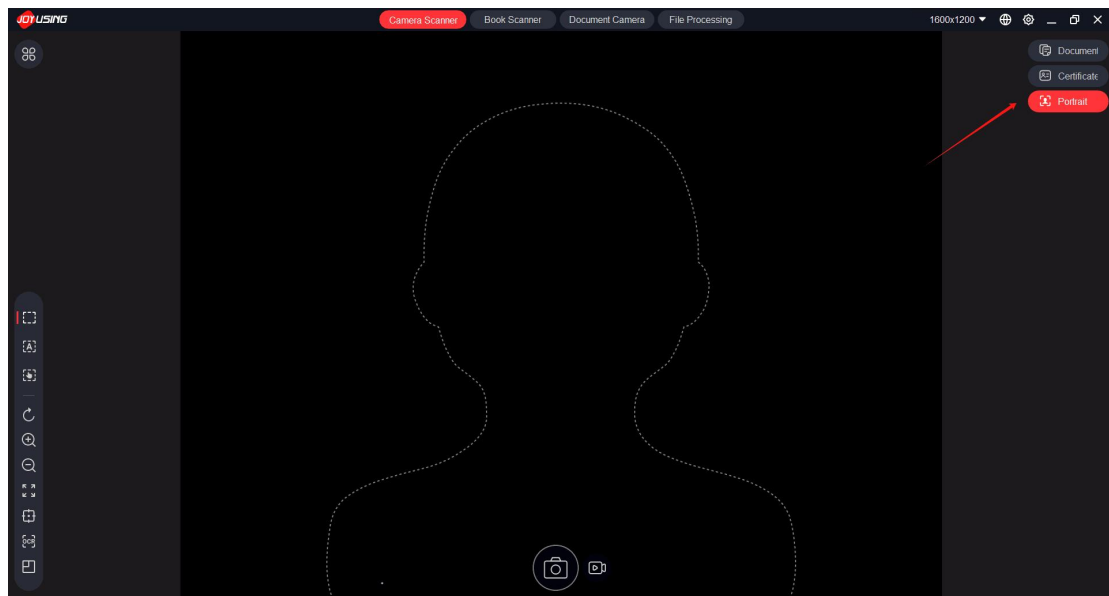


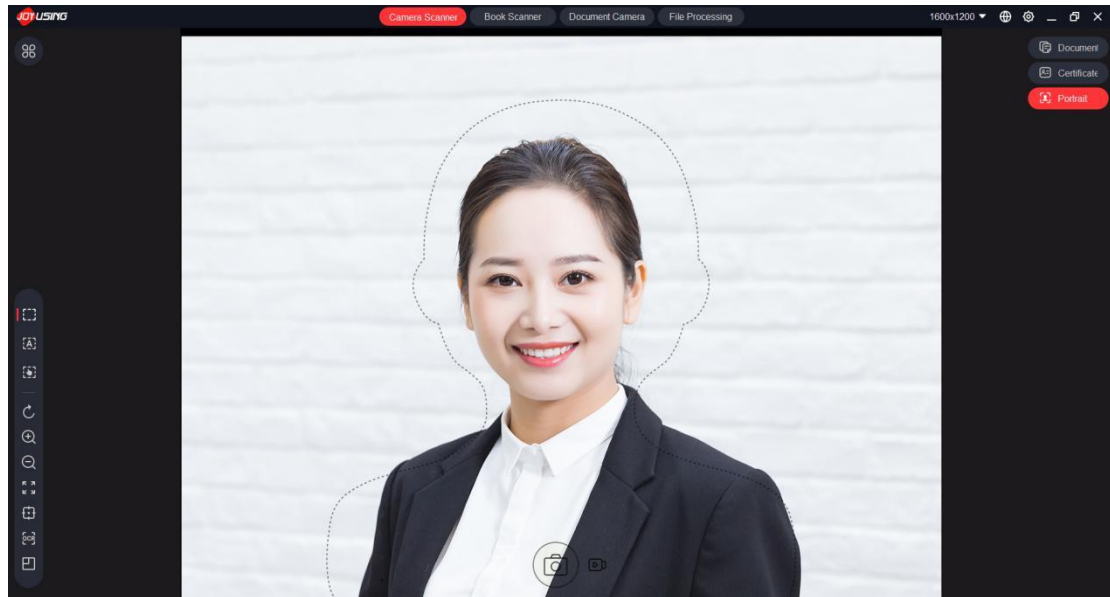
Certificate mode: in certificate mode, scan area will be locked in 'auto edging', and the certificate scanning will be done in two steps. The first scan is with the front of the document facing up, and the second scan is with the back of the document facing up. Then, the two images are merged into one image.





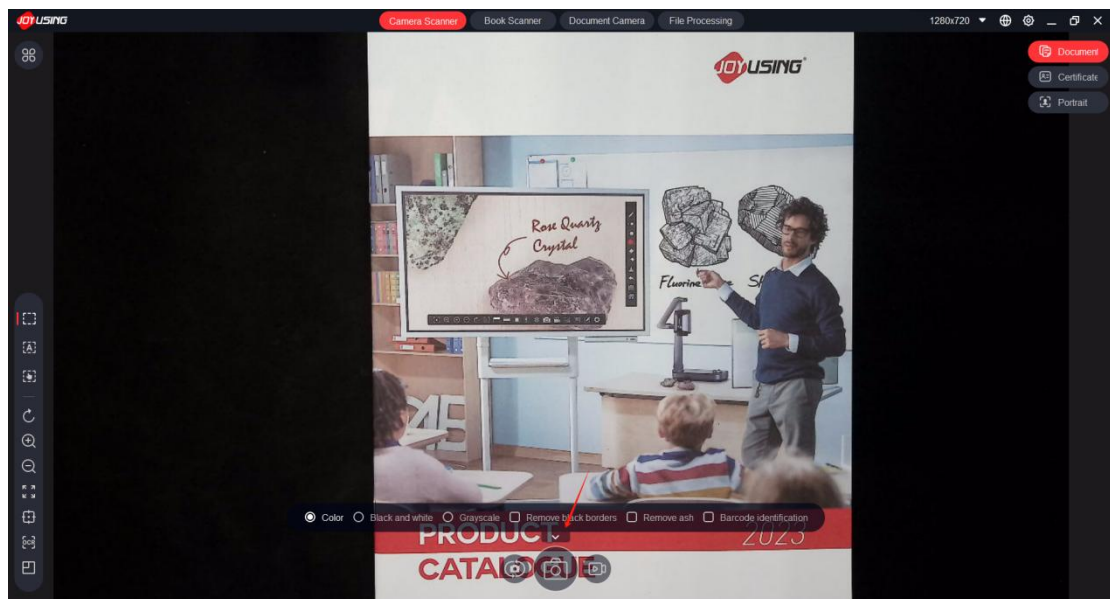
Portrait mode: capture a portrait using the device's secondary camera.



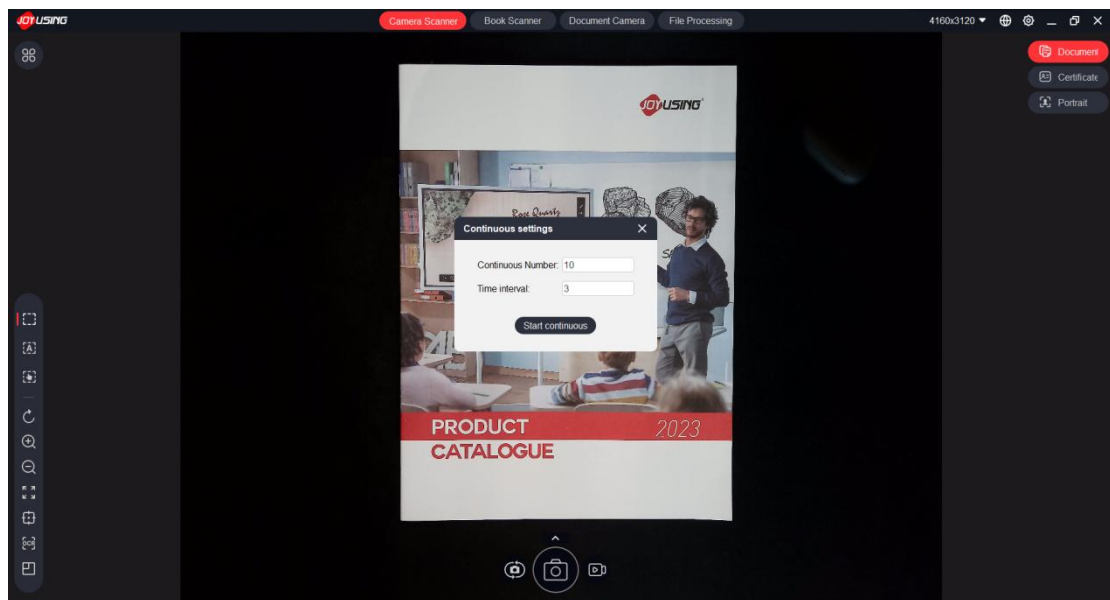
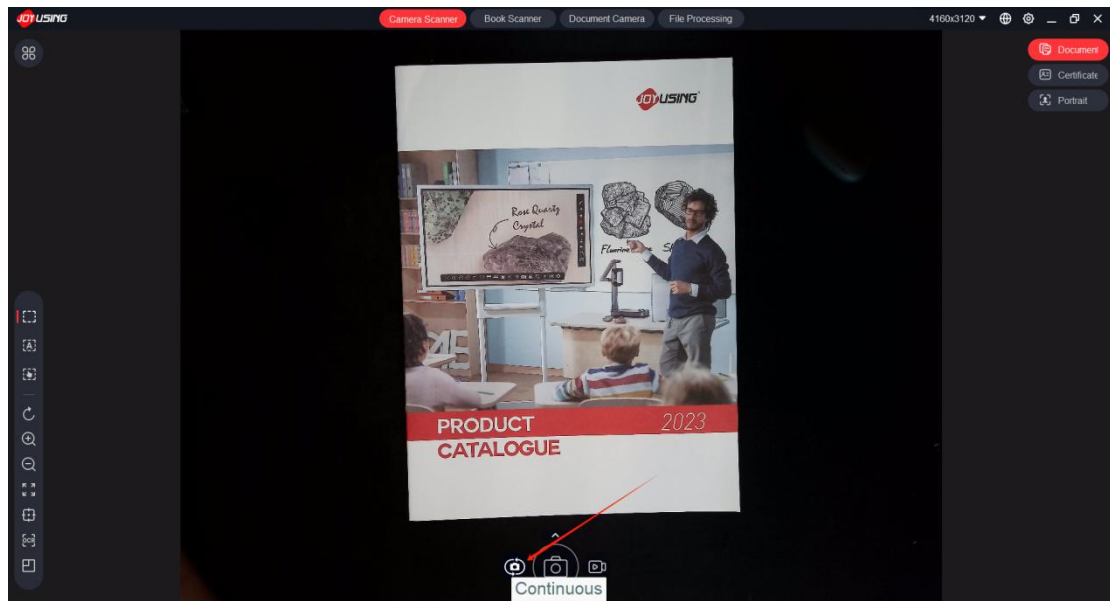


3.2.5. Shooting features

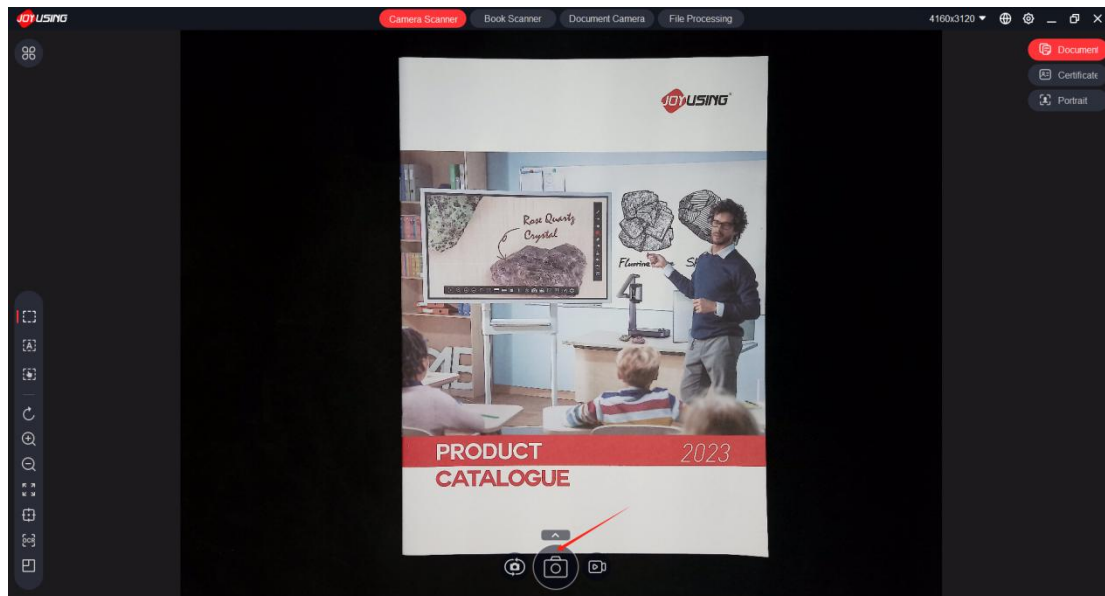
Click the arrow to expand more shooting features, including color, B&W, grayscale, Remove black borders(automatically fill the black edges with the background color), remove background color, Bar code&QR code, etc.



Continuous shooting: set the number of scans and the interval time, and start continuous scanning.



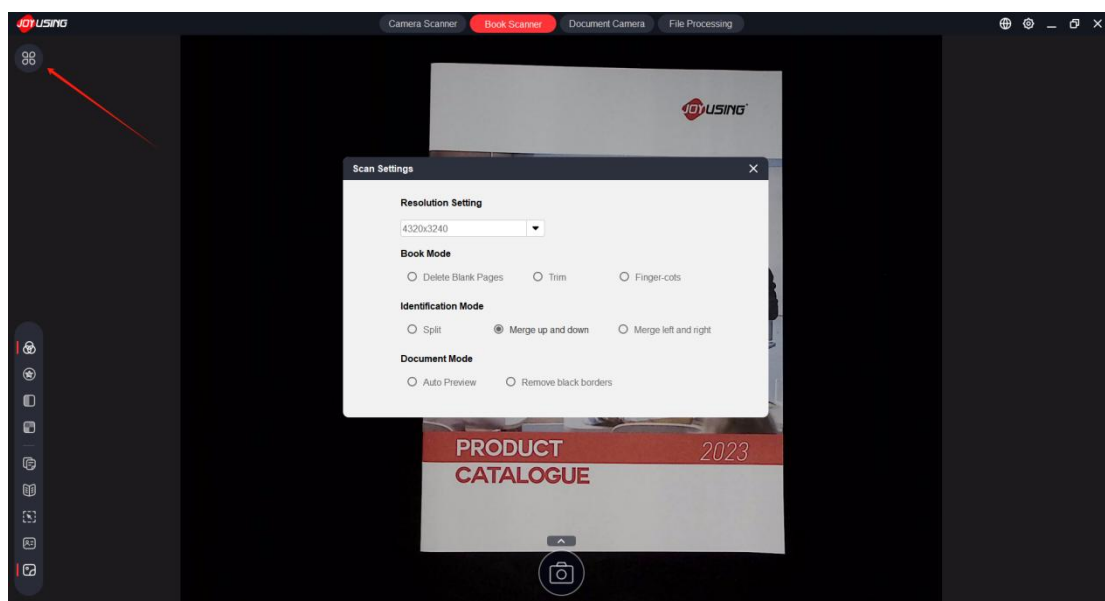
Screen recording: record the screen and save the video file in the specified path.



3.3. Book Scanner mode

3.3.1. Scan settings

Change resolution and detailed settings of each mode in 'Scan Settings'.



Detect black pages: software will automatically detect blank pages (no content) in the book and delete.

Trim: software will automatically trim the edge of each pages, to make the scanned pages more neat.

Finger-cots: please check this option when using finger-cots.

Split/Merge up and down/Merge left and right: change the form of generating images when scanning ID card, certificate and business card.

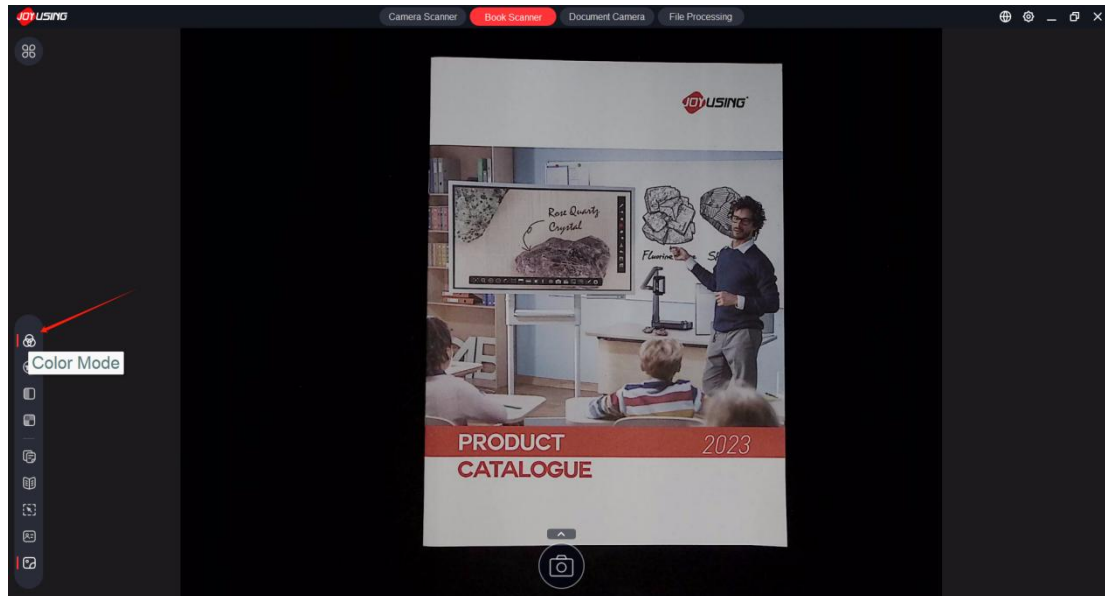
Auto preview: after checking this option, a preview image will automatically be displayed after

scanning in document mode.

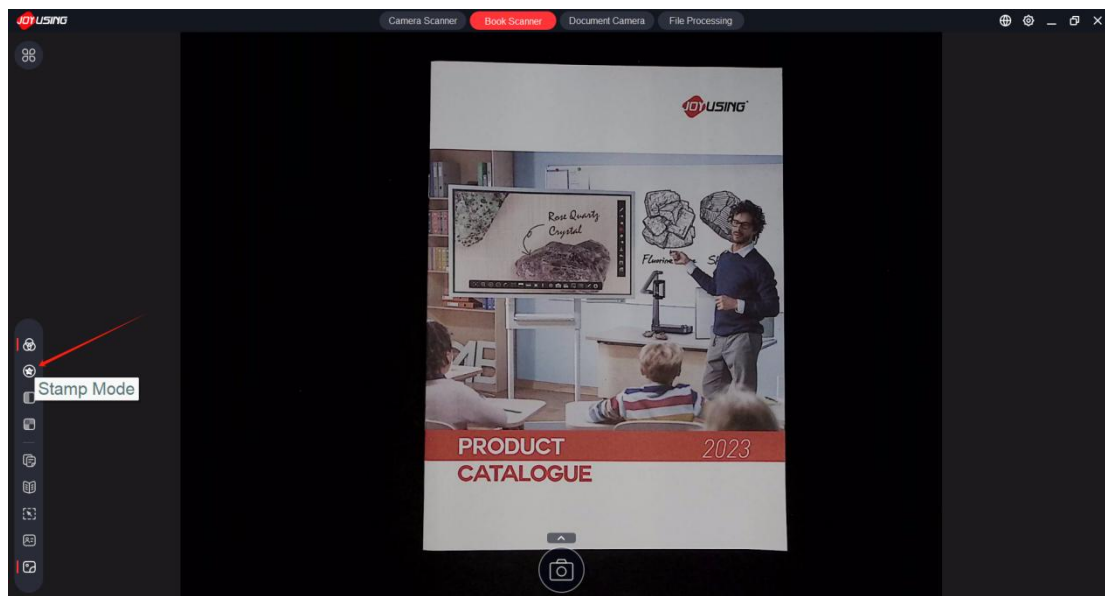
Remove black borders: software algorithm will automatically fill the black background at the edges, to make the scanned pages more neat.

3.3.2. Scan mode

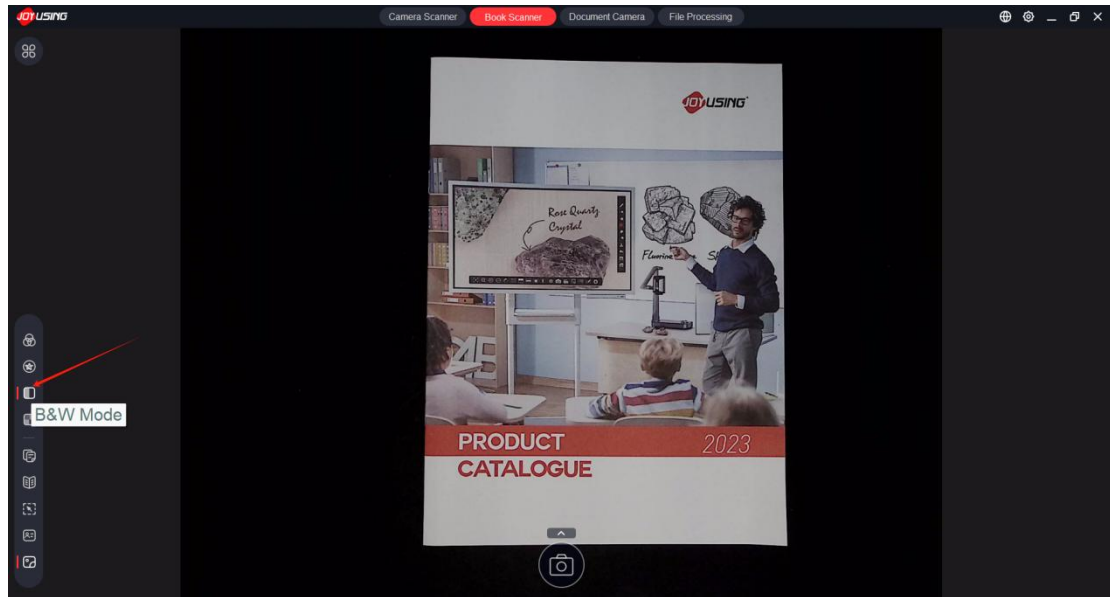
Color mode: normally for scanning color documents or books.



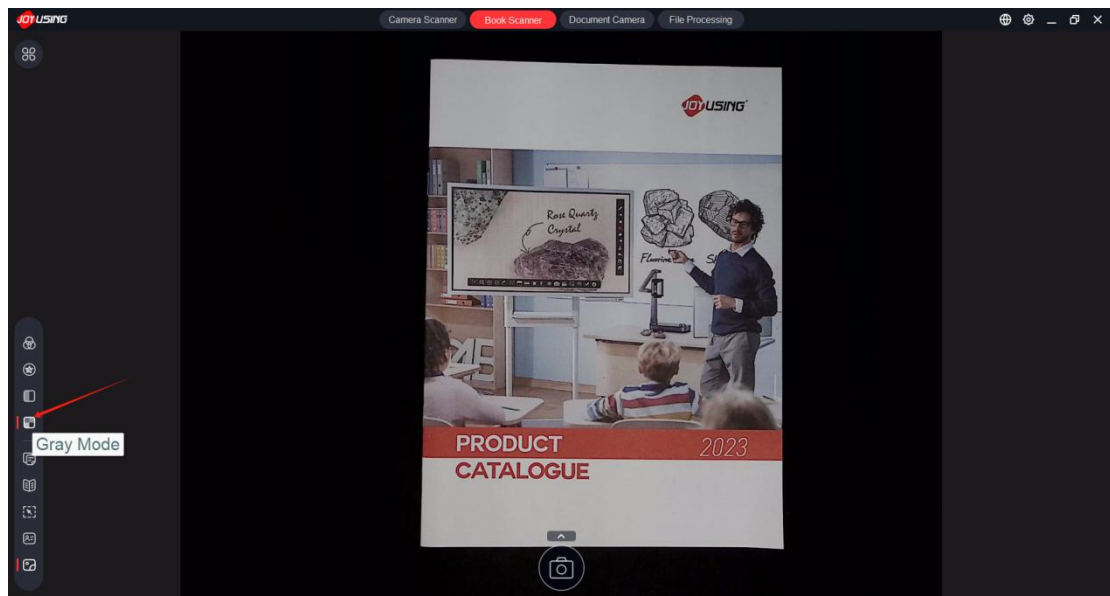
Stamp mode: normally for scanning documents with stamps.



B&W mode: use only black and white to scan documents or books(B&W mode is primarily used for high-contrast text documents and books, to improve OCR accuracy).

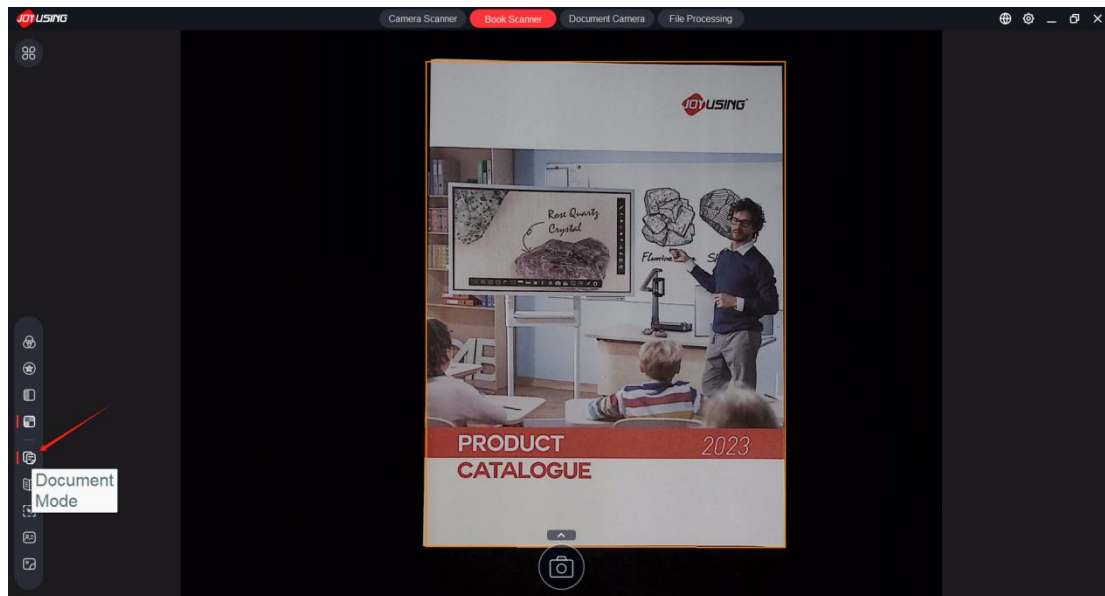


Grey mode: scans the document using various shades of gray, ranging from black to white.



3.3.3. Scan area

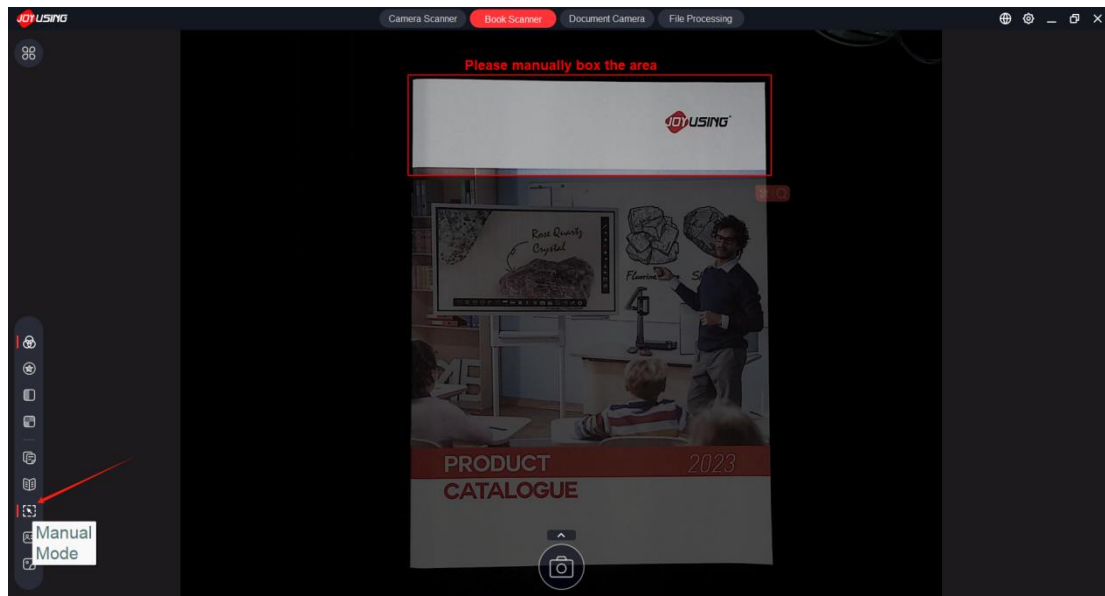
Document mode: in document mode, the algorithm will automatically detect the edges and perform image optimization for document type of materials.



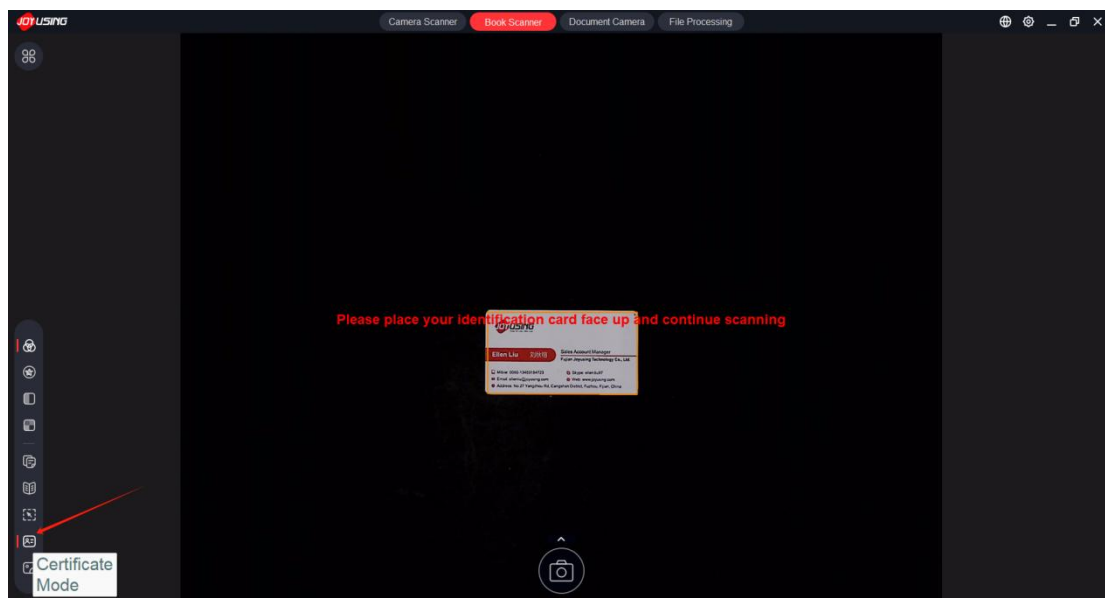
Book mode: in book mode, the preview window will display a center-line, and the software algorithm will automatically perform functions such as auto paging, finger removal, curve flattening, etc.



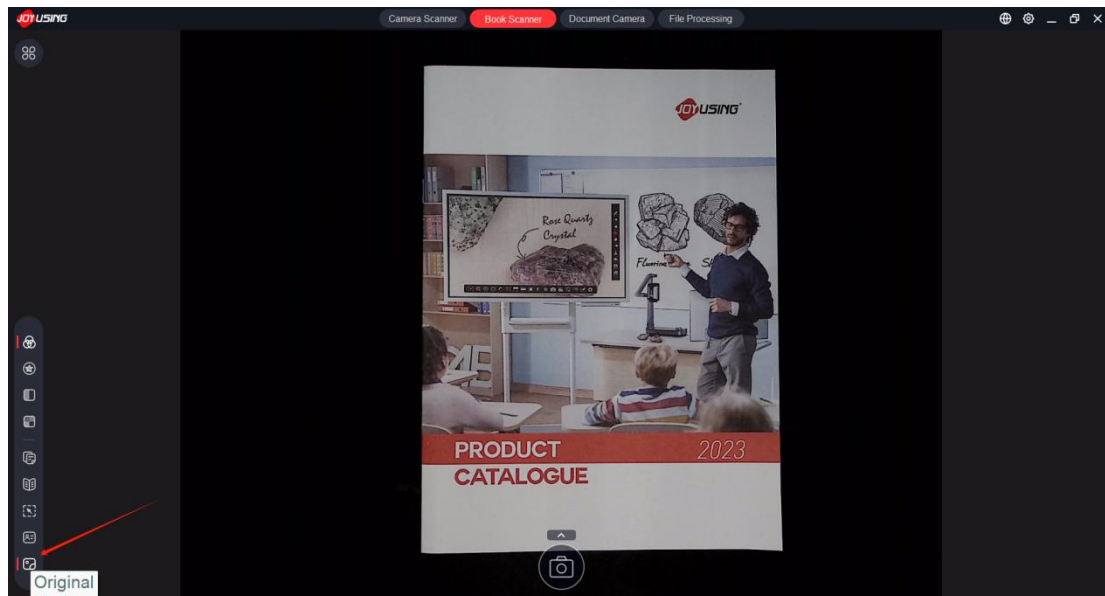
Manual mode: manually select the scanning area.



Certificate mode: in certificate mode, software will automatically detect the edge, and the certificate or card scanning will be done in two steps. The first scan is with the front of the document facing up, and the second scan is with the back of the document facing up.



Original mode: scan the original image with no processing or cropping.



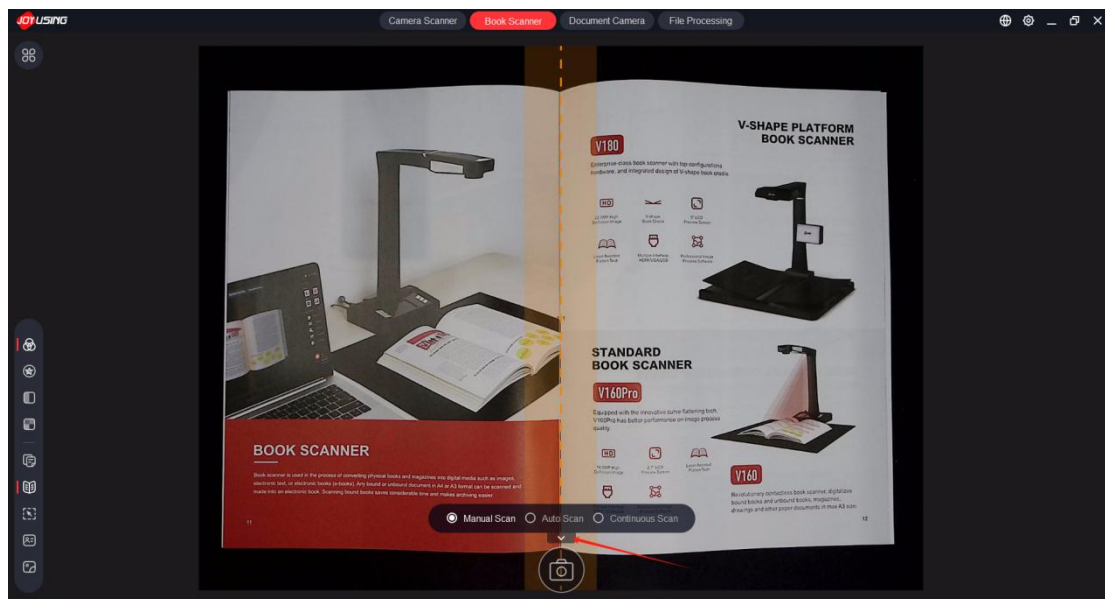
3.3.4. Shooting features

Click the arrow to expand more shooting features.

Manual Scan: manually trigger the scan function by mouse, keyboard, hand button, or foot pedal.

Auto Scan: in this mode, software will recognize the page-turning action and automatically trigger scan function.

Continuous Scan: set the number of scans and the interval time, and start continuous scanning.

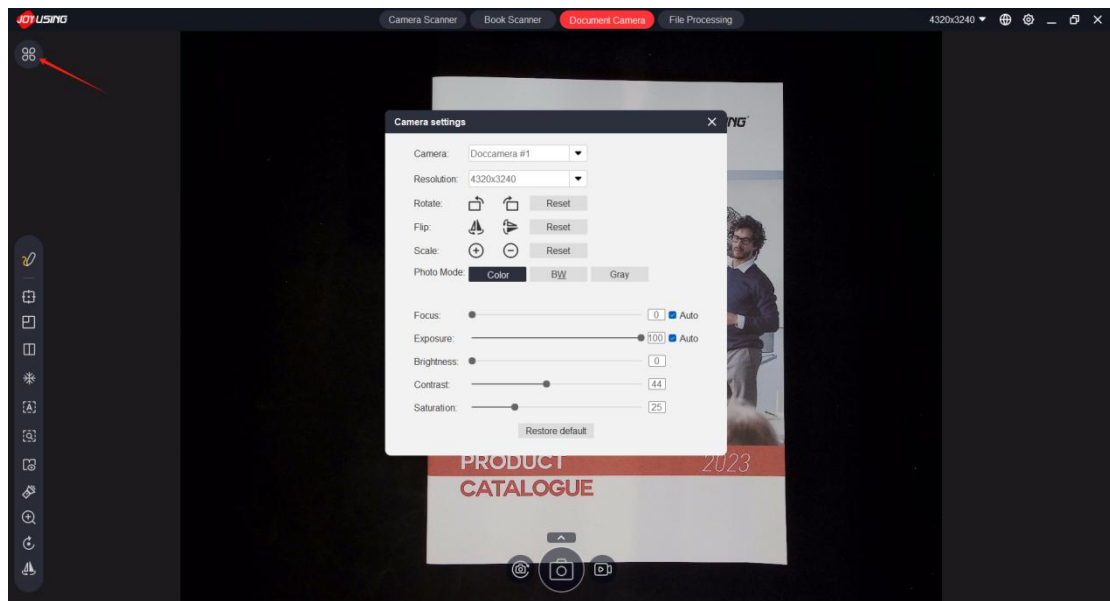


3.4. Document Camera mode

3.4.1. Camera settings

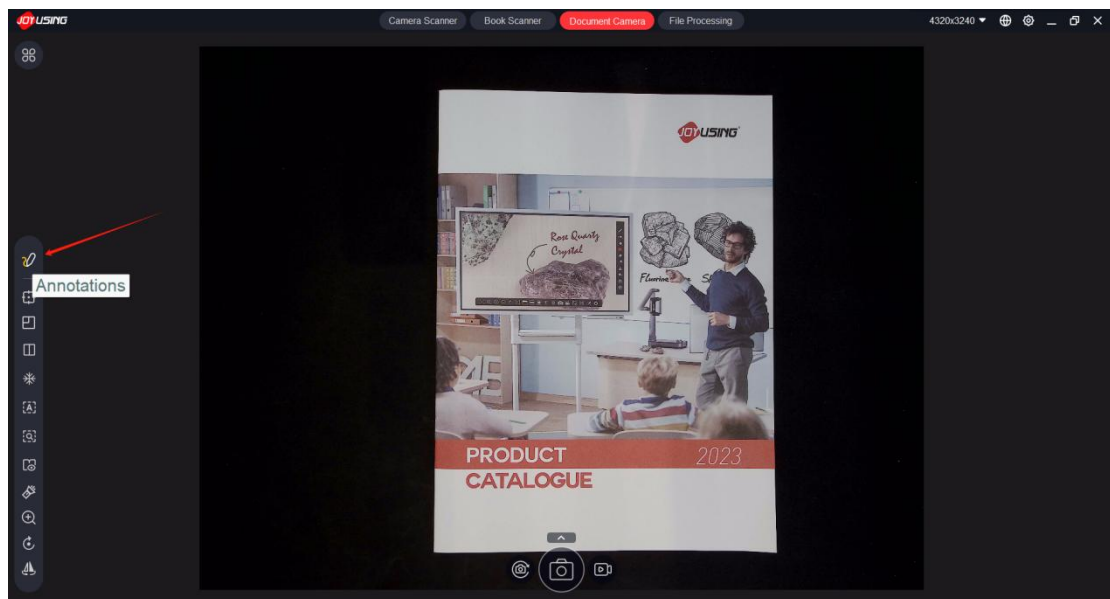
Call the settings table to adjust the basic camera settings, including camera select, change resolution, rotate, flip, scale, photo mode(color, B/W, Grey), focus, exposure, brightness, contrast,

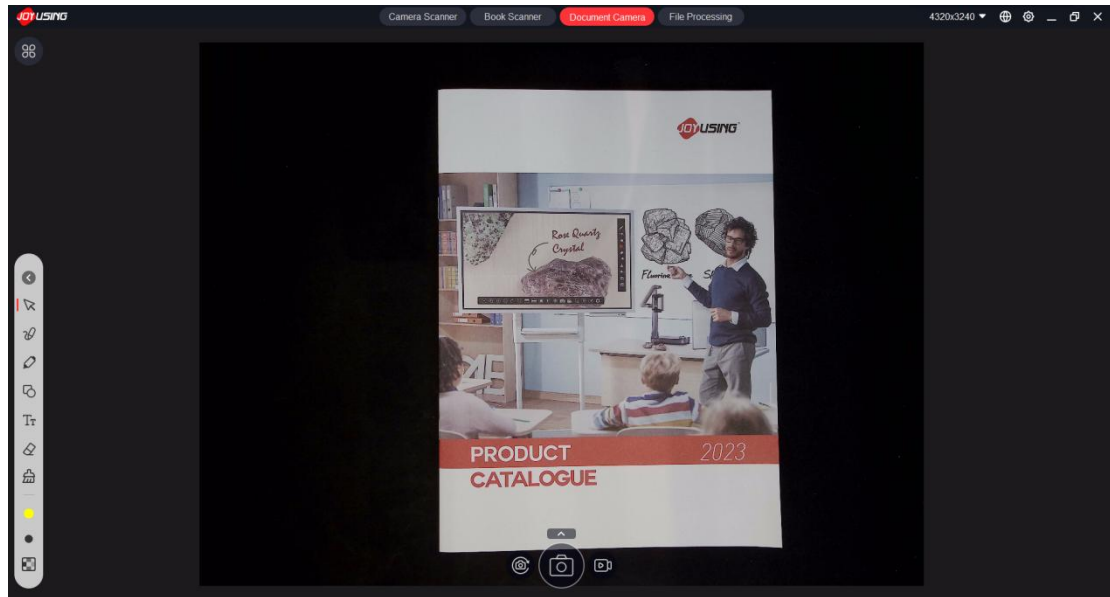
saturation.



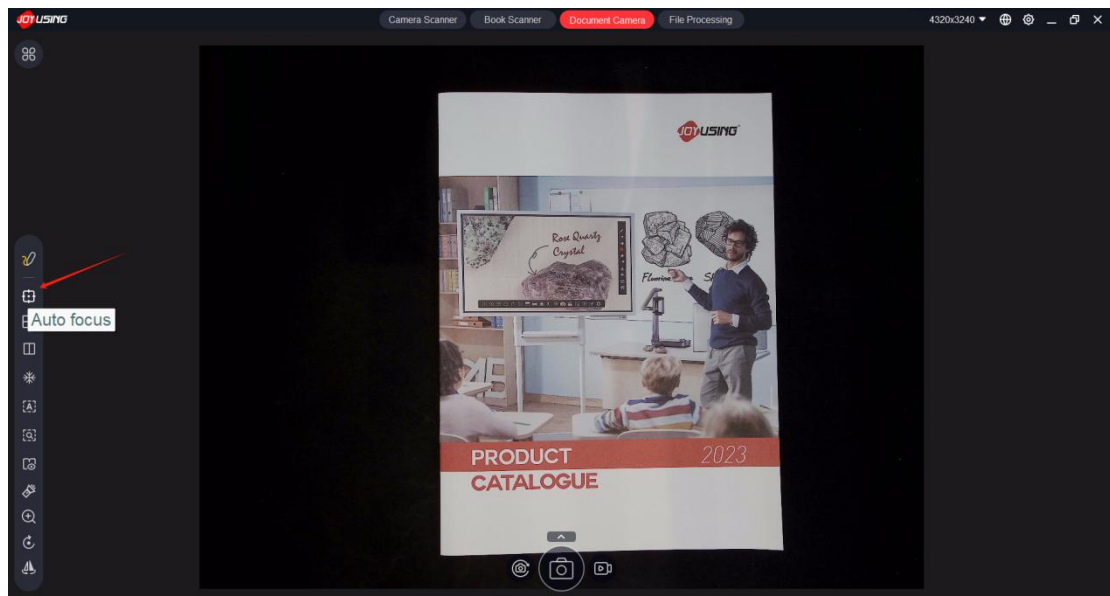
3.4.2. Functions

Annotations: click this button to bring up the 'Annotations' toolbar, including pen type, graphics, text, eraser, clear, color, thickness, transparency.

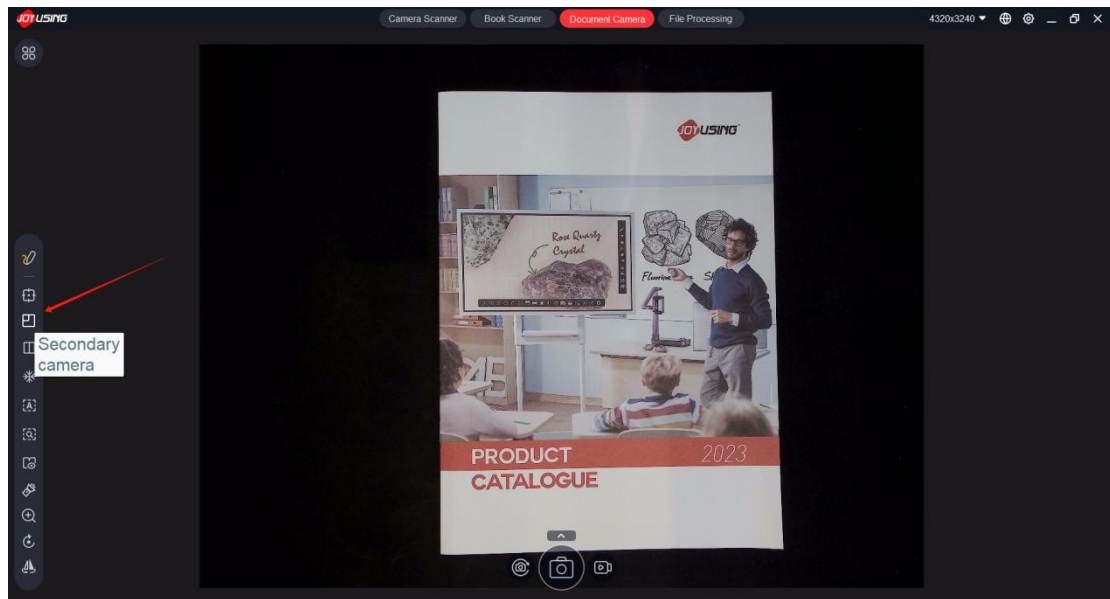




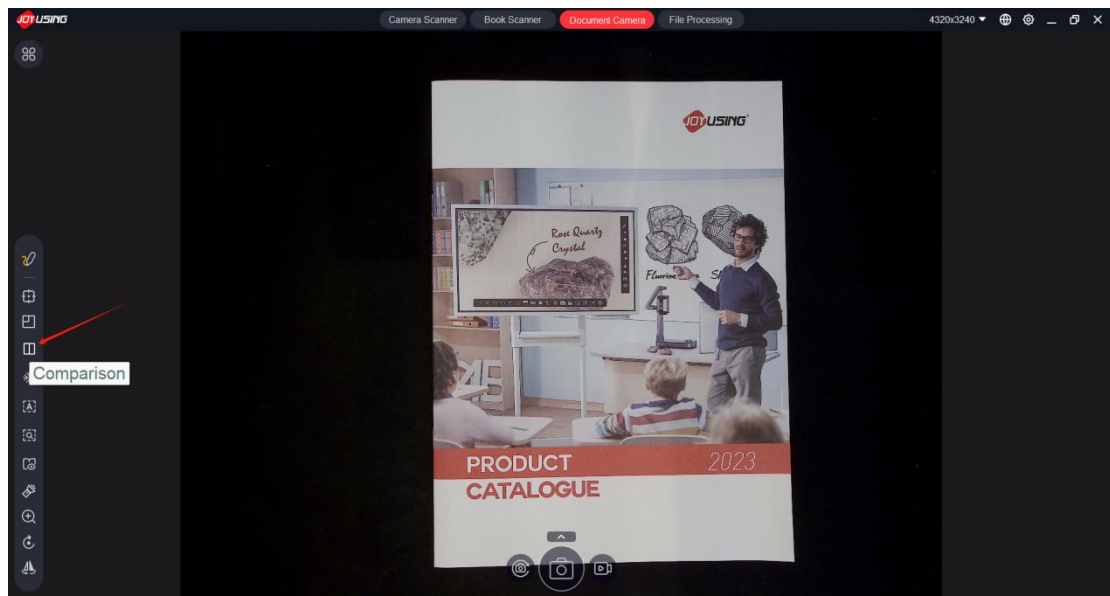
Auto focus: automatically adjust the focal length and re-focus.

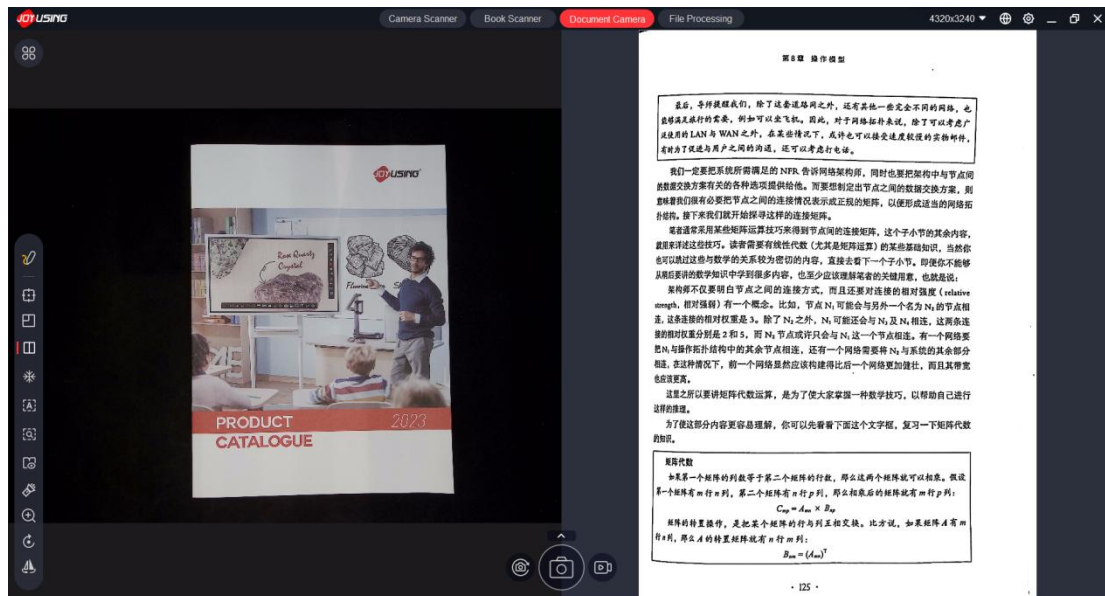


Secondary camera: add secondary camera into main screen, and you can also merge the image with main screen.

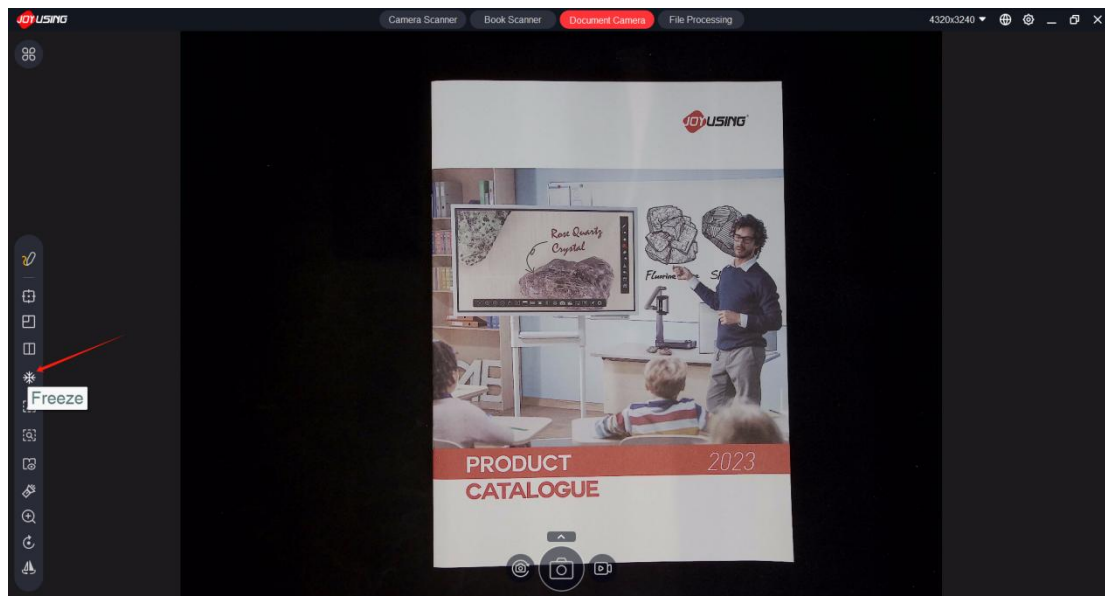


Comparison: import an image from the local storage for comparison.

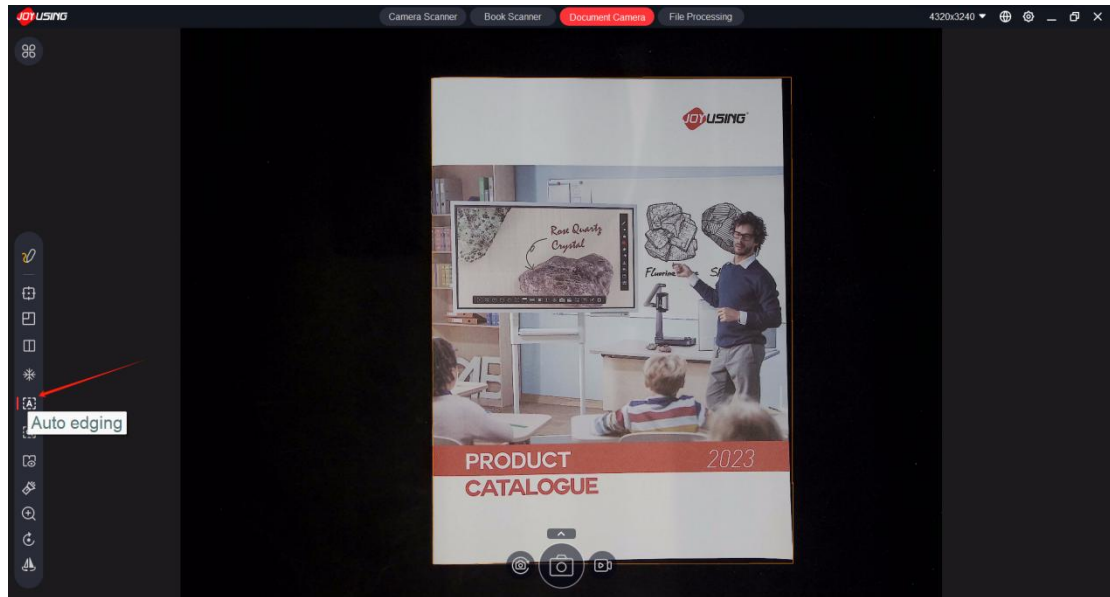




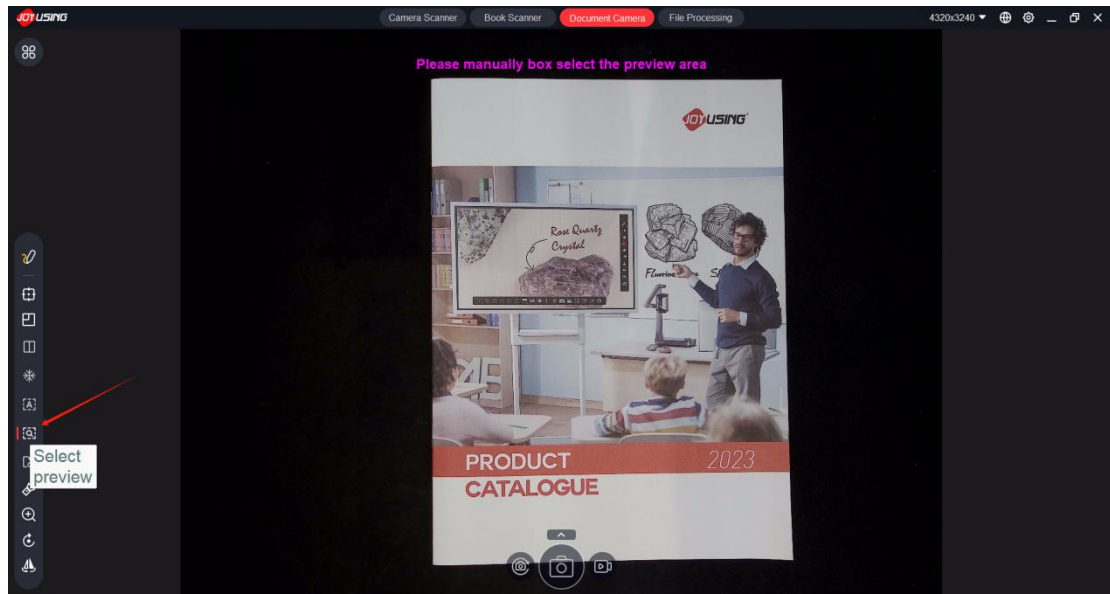
Freeze: freeze the image from the camera.



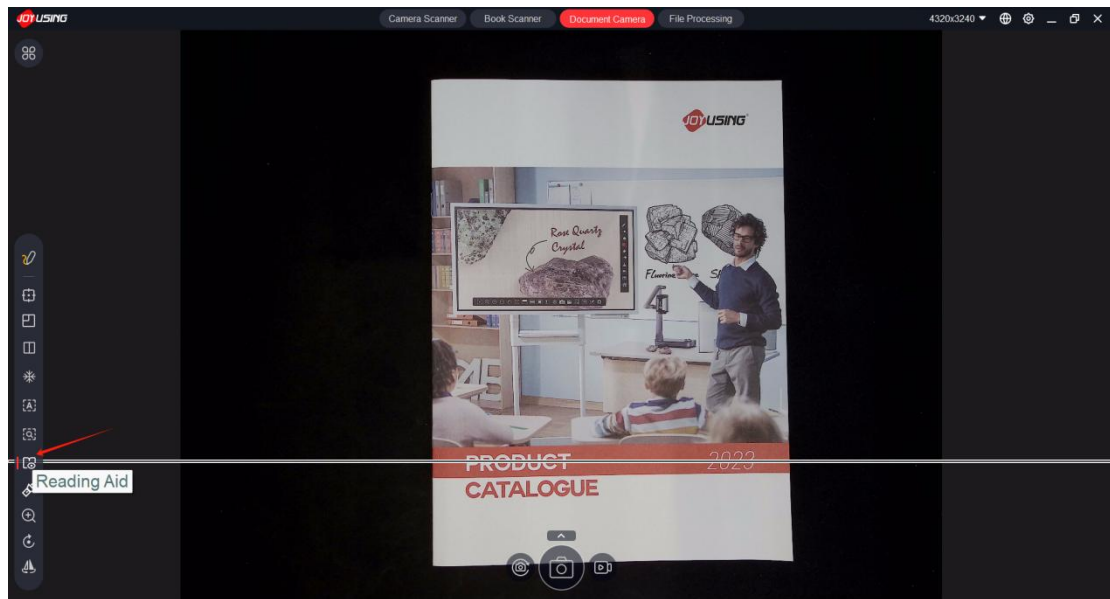
Auto edging: automatically recognize the edges of documents or books.



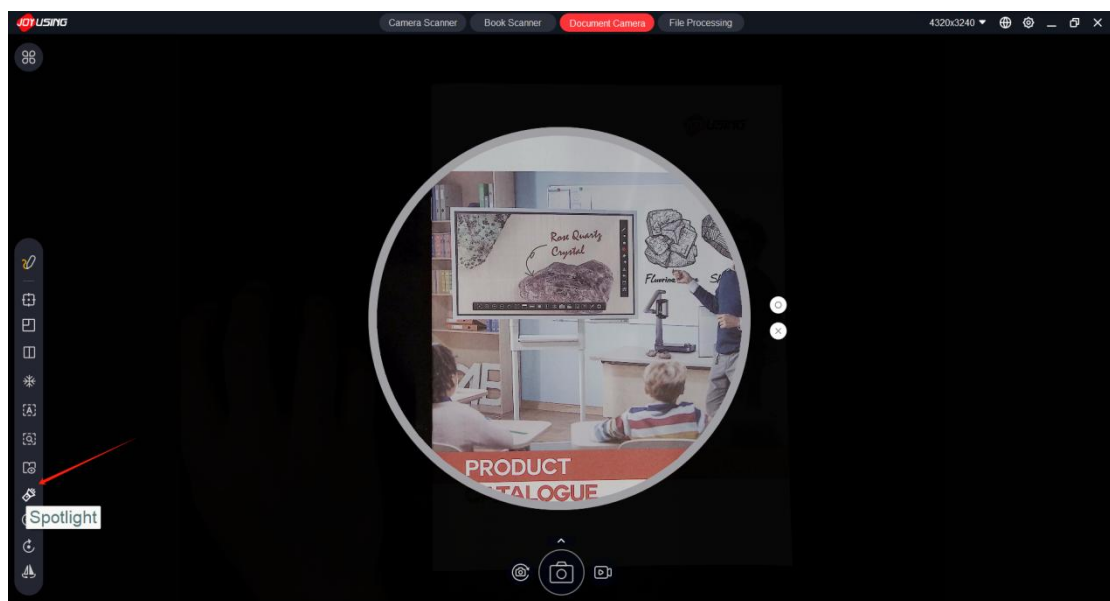
Select preview: select an area to magnify.



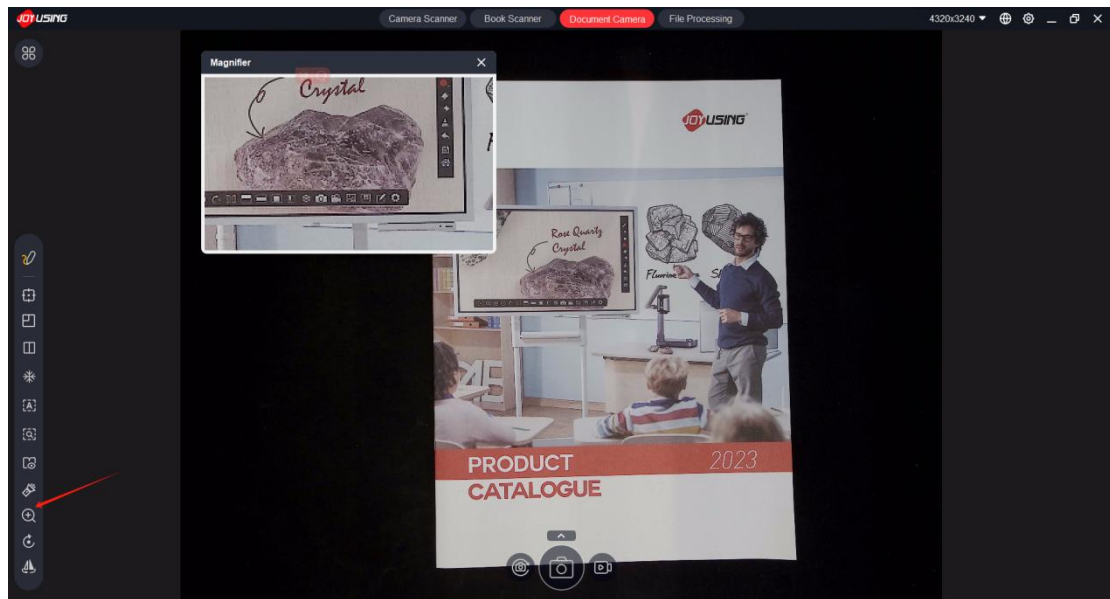
Reading aid: bring up ruler line or shutter to assist reading.



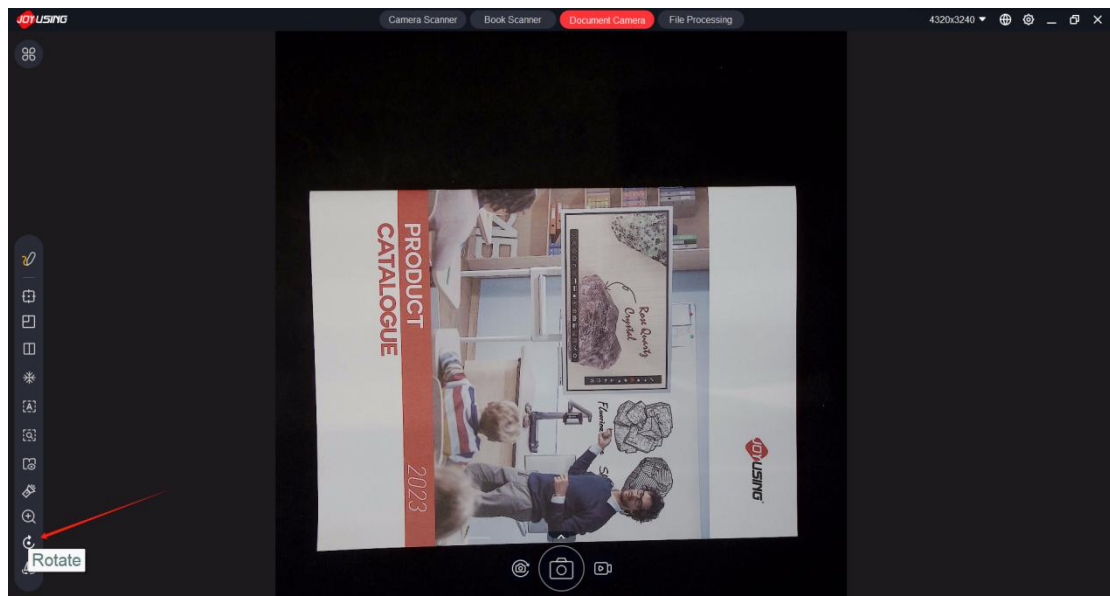
Spotlight: bring up spotlight to concentrate on a specific area. Drag the edge to adjust the size and click the button beside the spotlight to change the shape.



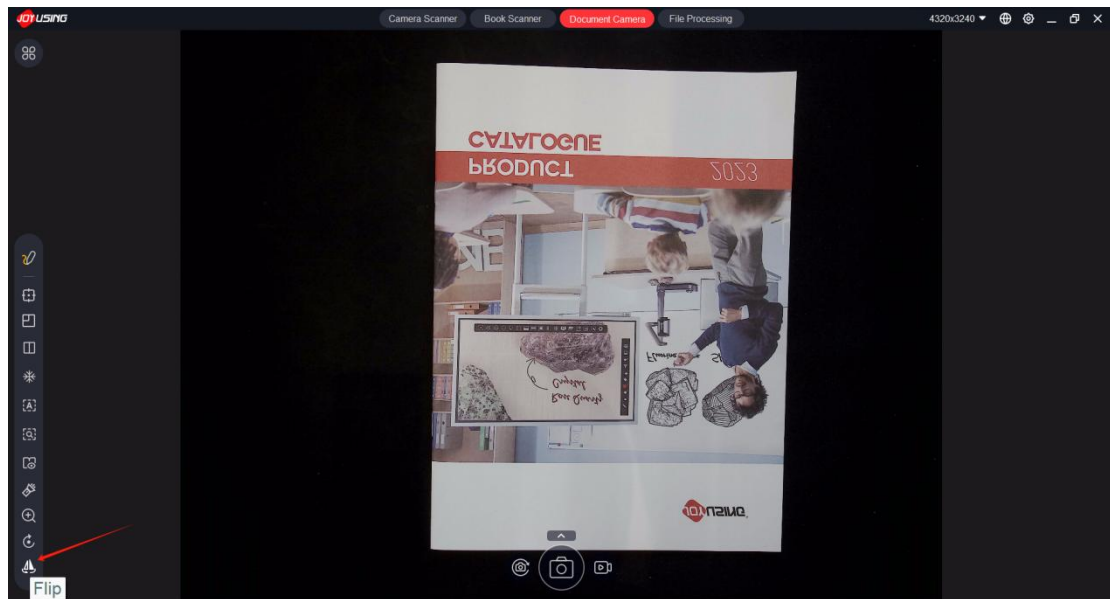
Magnifier: bring up a window to display the area where the mouse pointer is located.



Rotate: rotate the image 90 degrees.

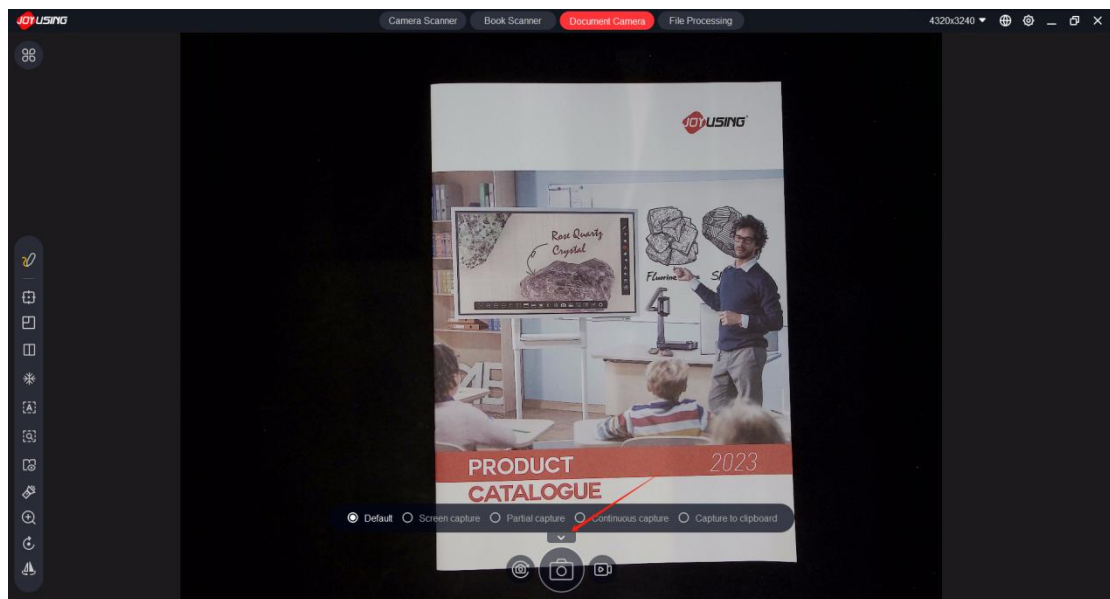


Flip: flip the image. Note: rotate and flip functions can be used simultaneously.

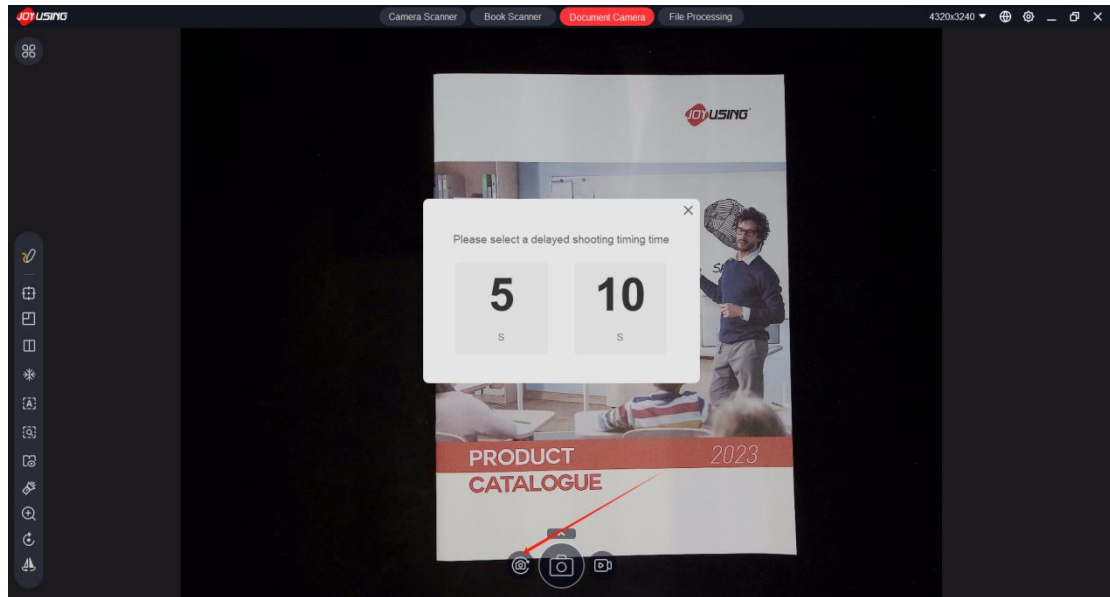


3.4.3. Shooting features

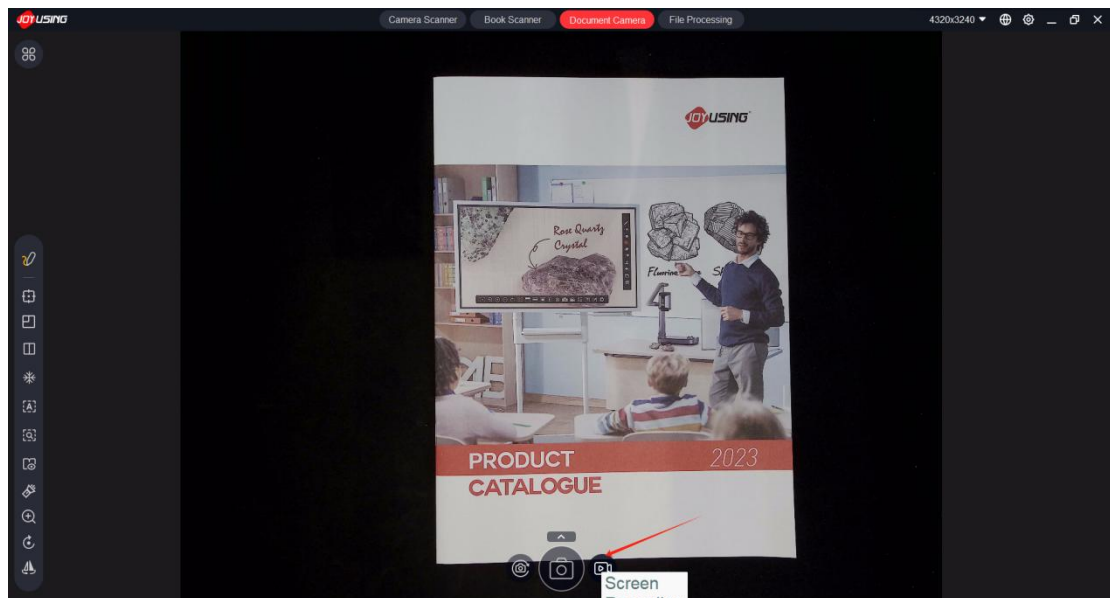
Click the arrow to expand more shooting features, including default, screen capture, partial capture(select an area to capture), continuous capture(set total number and time interval) and capture to clipboard.



Timelapse: select 5 seconds or 10 seconds as time interval for capturing images and output them as a video.



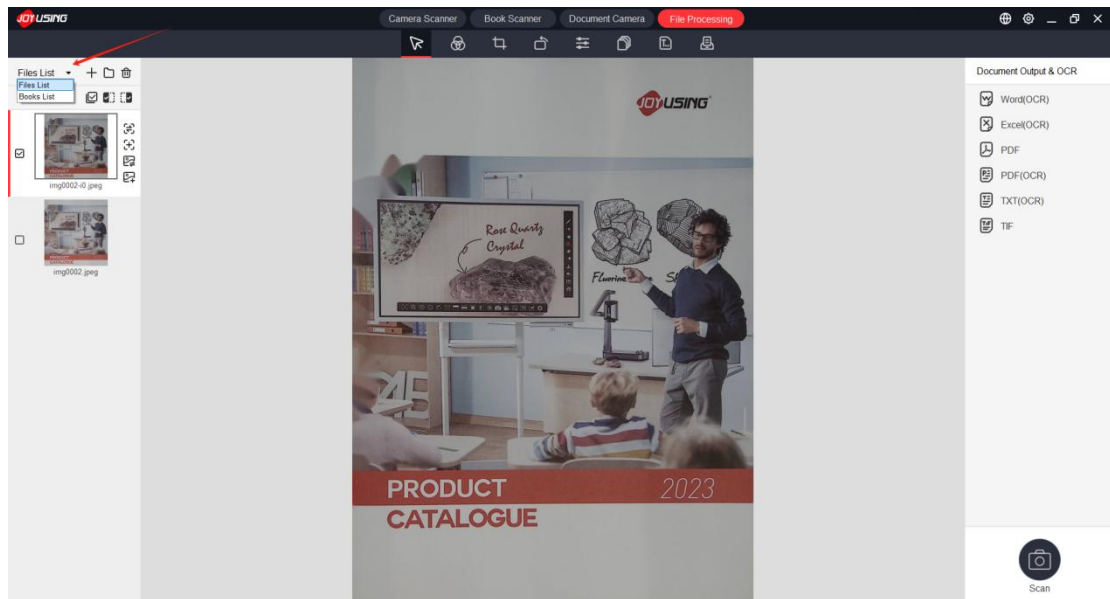
Screen recording: record the screen and output a video file.



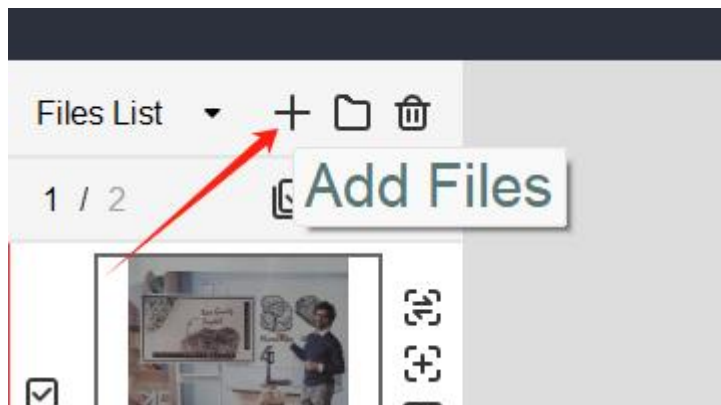
3.5. File Processing mode

3.5.1. Preview bar

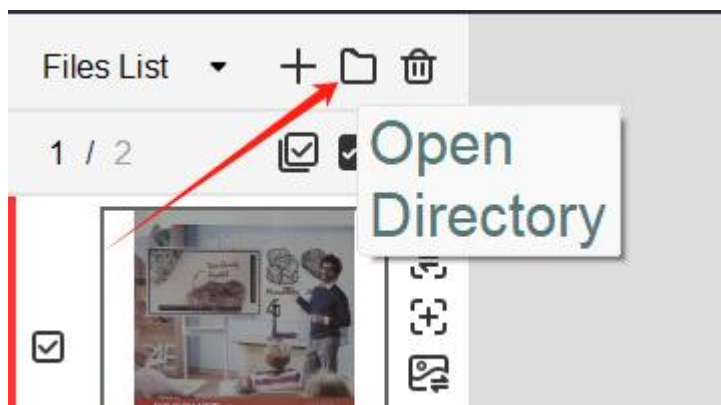
List select: select the image type in preview bar(file/book).



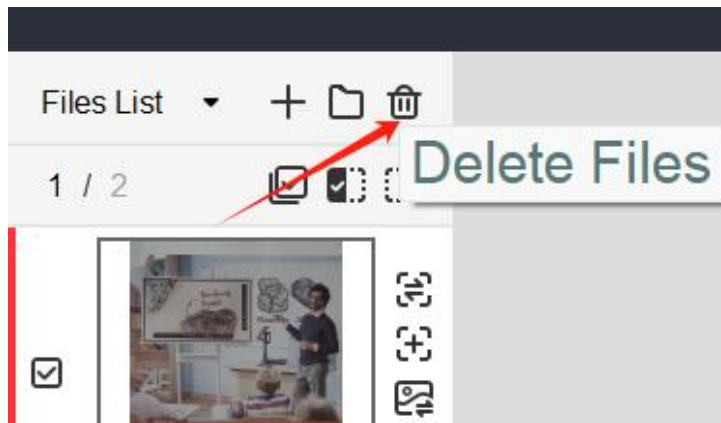
Add files: import local images files into preview bar.



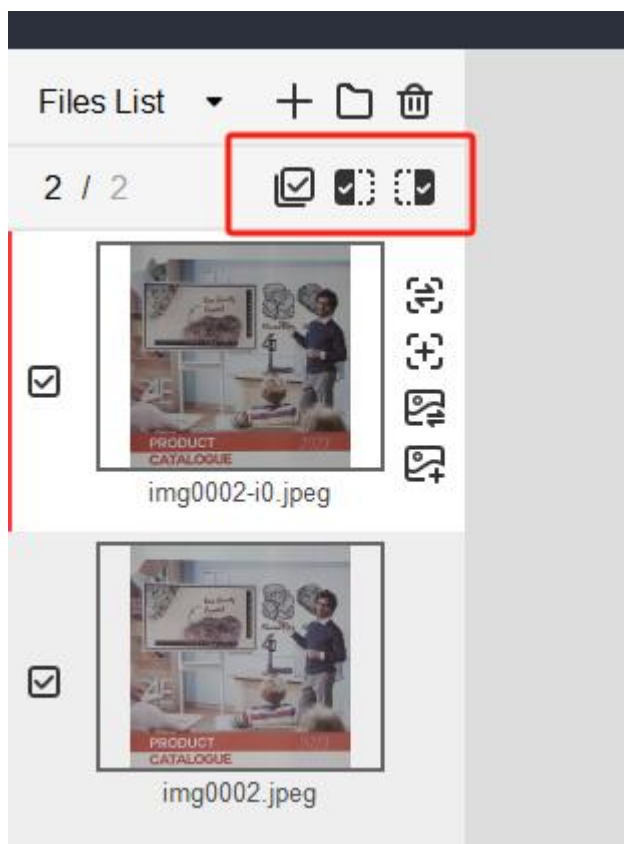
Open directory: open the image file storage path.



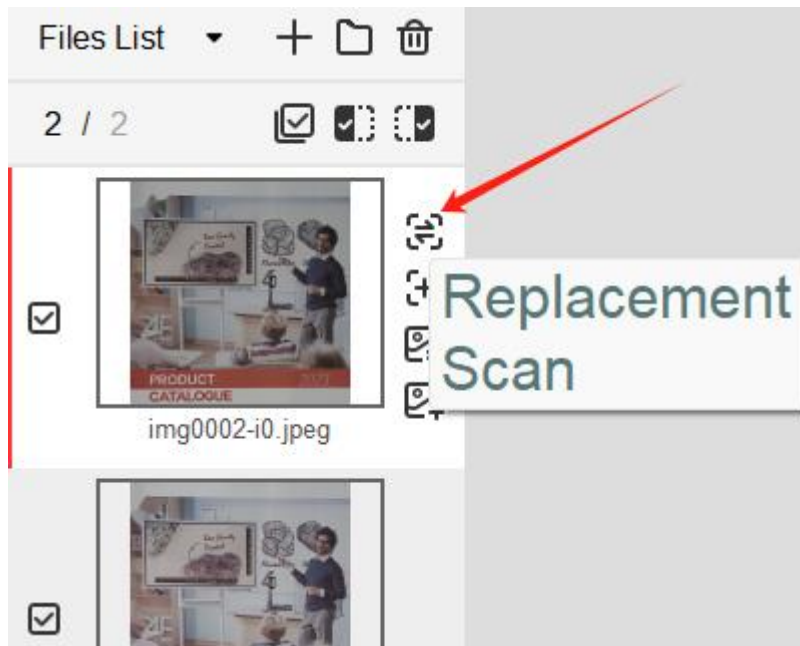
Delete files: delete the selected images in preview bar.



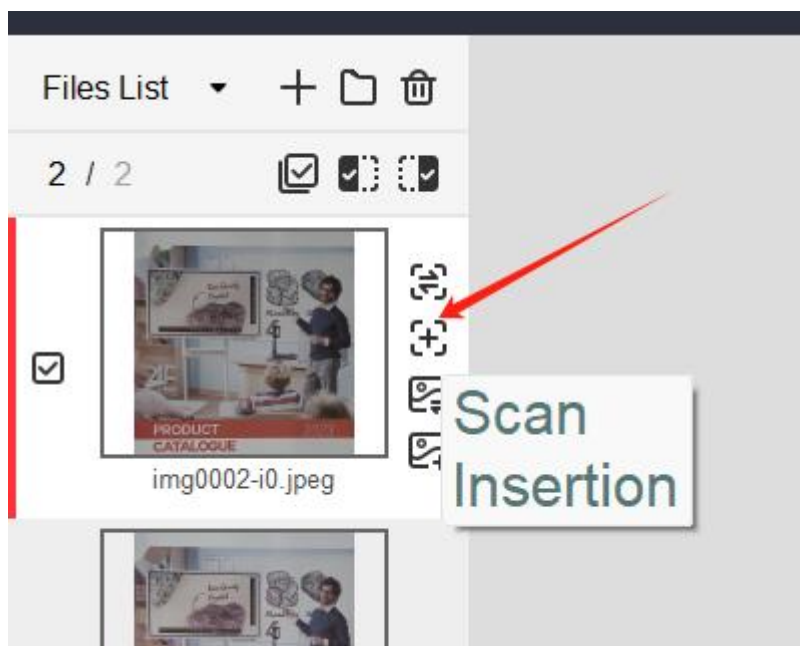
Batch select: select all/deselect all, select all left pages/right pages(only for books).



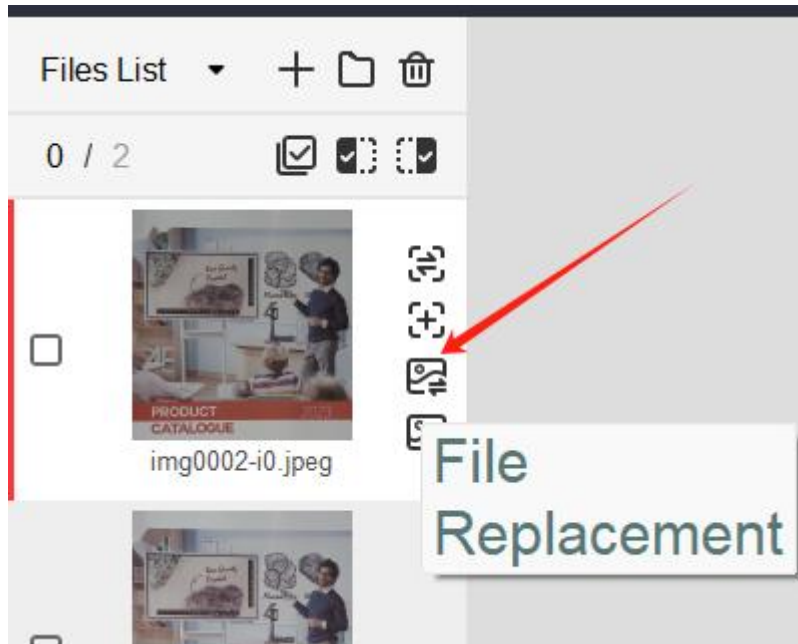
Replacement scan: automatically switch to scan mode, and the scanned image will replace the current one.



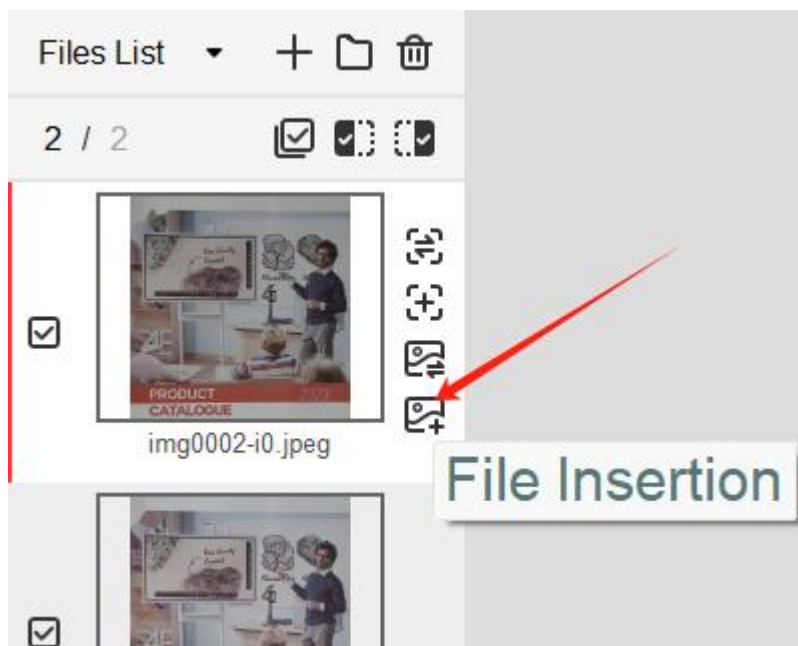
Scan insertion: automatically switch to scan mode, and the scanned image will be inserted before the current one.



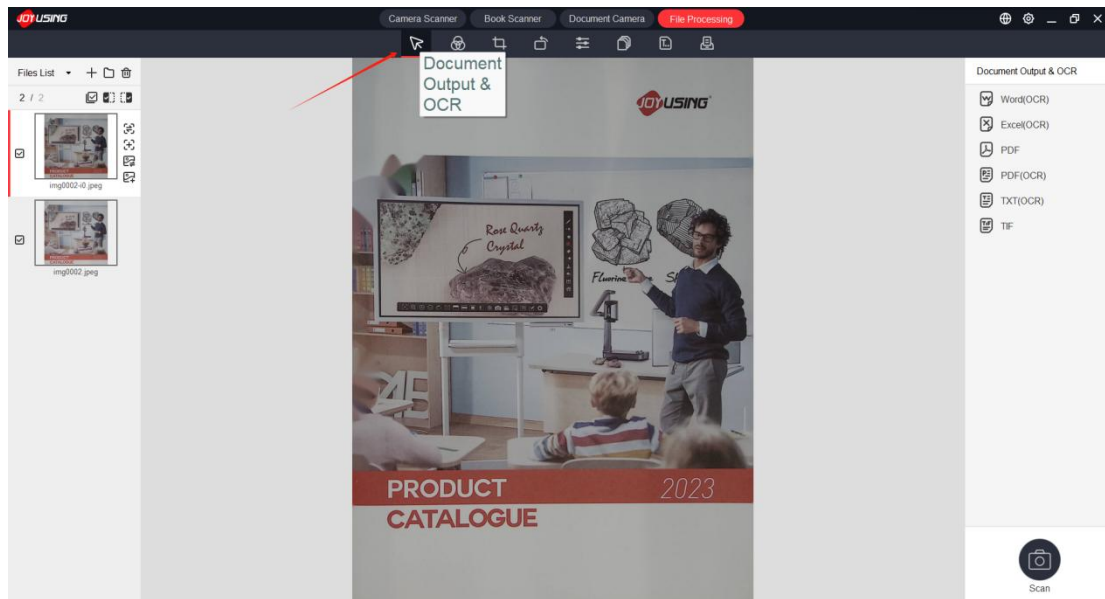
File replacement: import a local image to replace the current one.



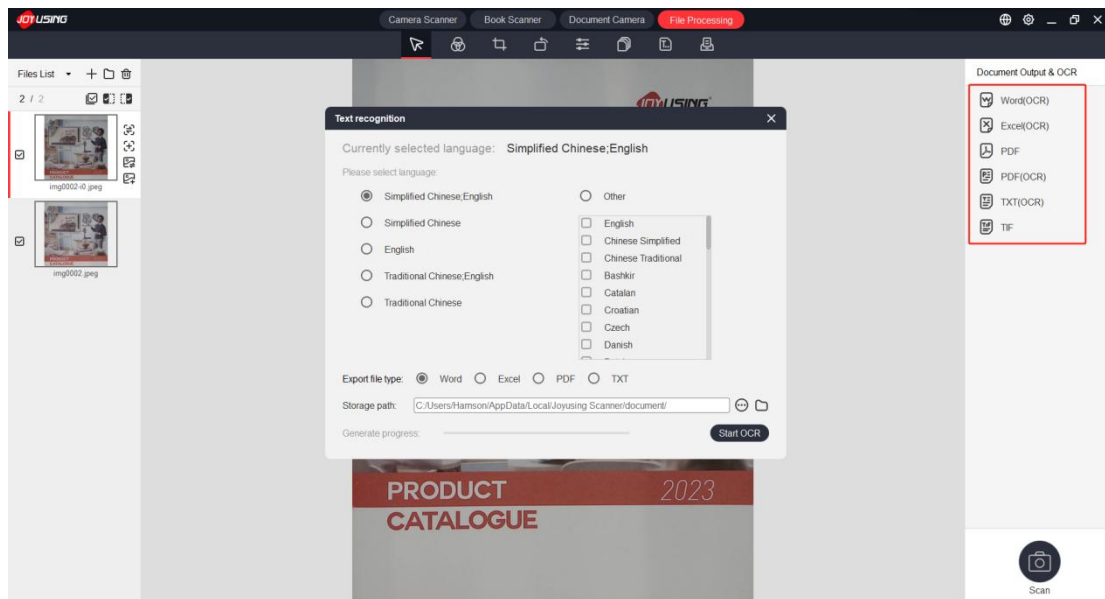
File insertion: import a local image and insert before the current one.



3.5.2. Document output&OCR

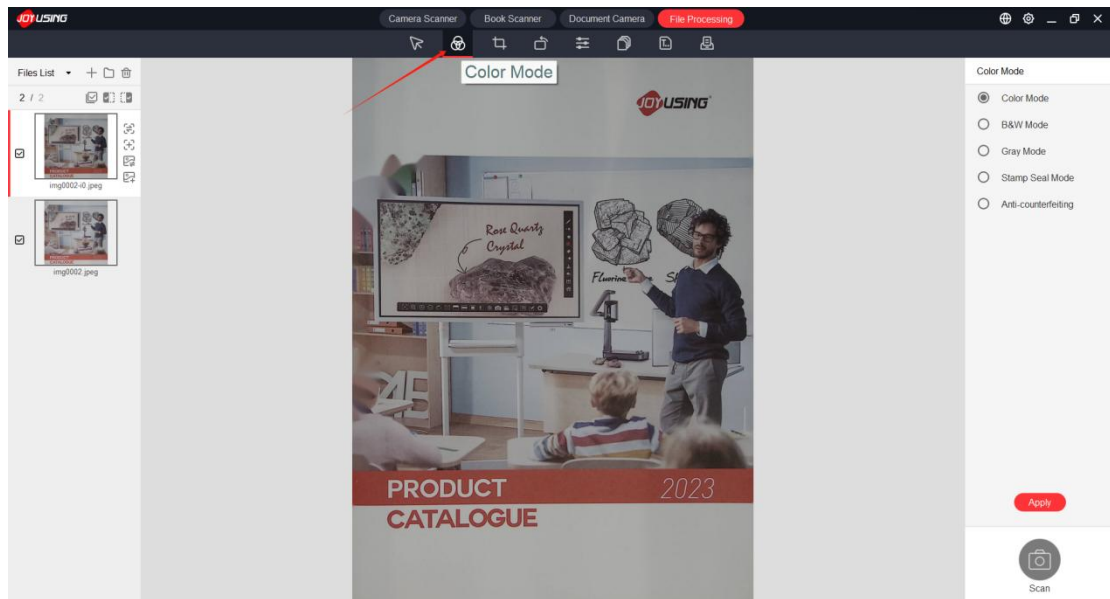


Document output and OCR: select the format on the right side, and select OCR language in popup window. Please note, the first OCR will take more time, but subsequent OCRs will be much faster.



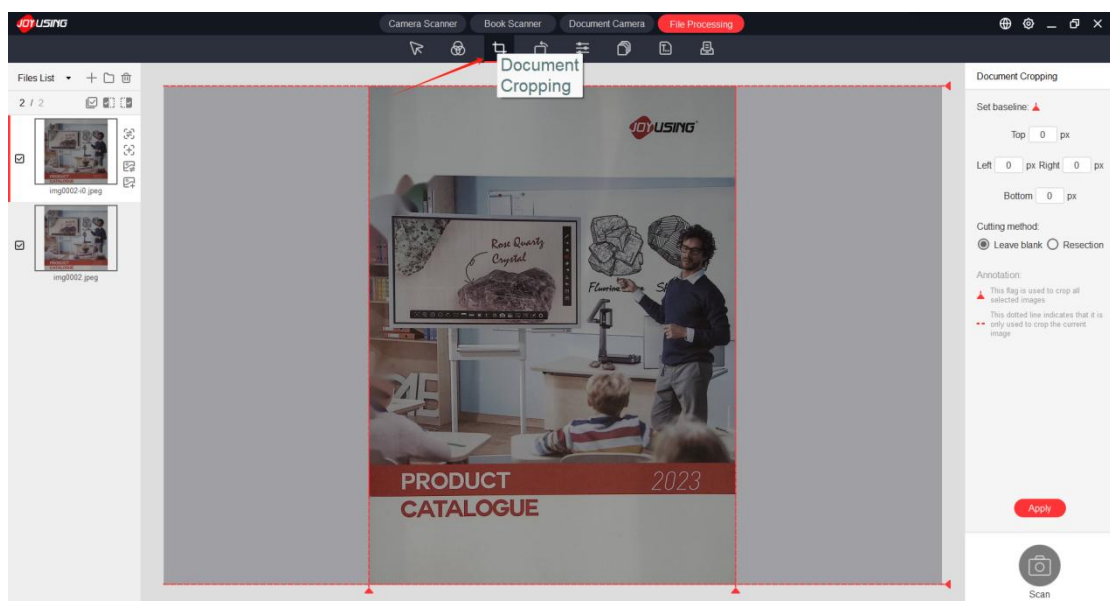
3.5.3. Color mode

Change the color mode of the selected images, including color mode, B&W mode, Grey mode, Stamp mode, Anti-counterfeiting mode.

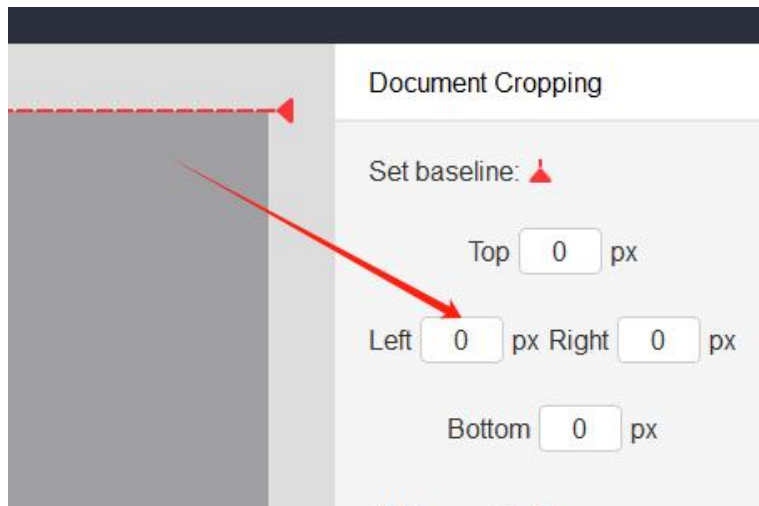


3.5.4. Document cropping

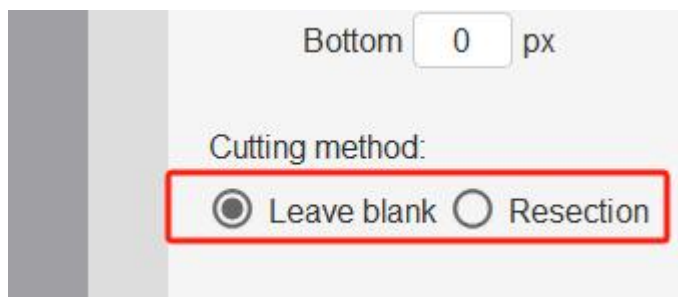
Drag the dashed line to crop the current page; drag the triangle marked line to crop all selected pages.



The page can be also cropped according to specific pixel value.

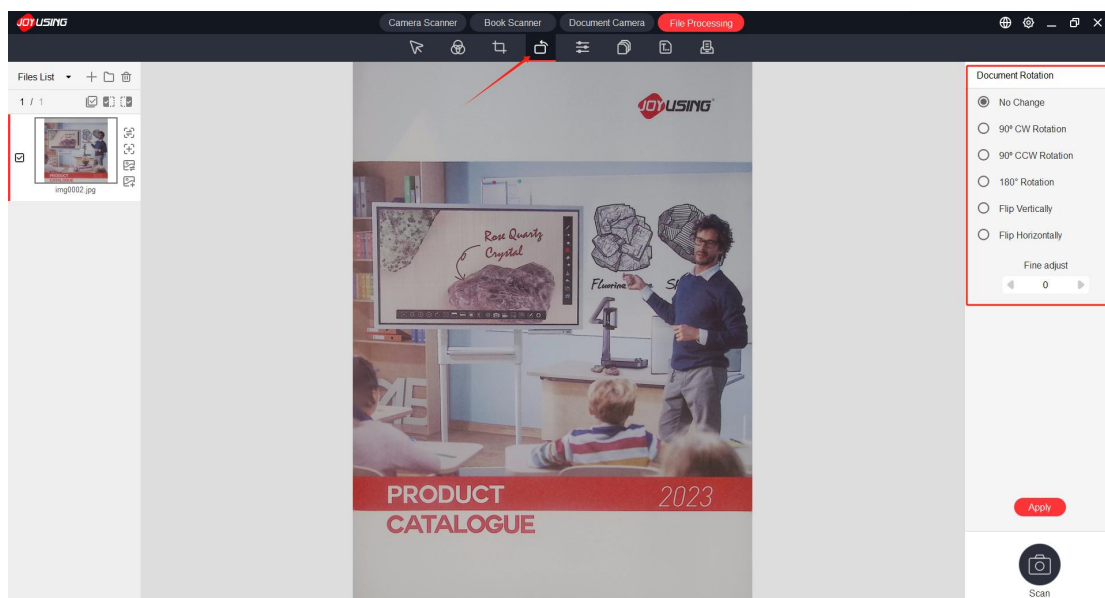


Leave blank: remove the content only without changing the page size.
Cut-off: cut off the edge(change the page size).



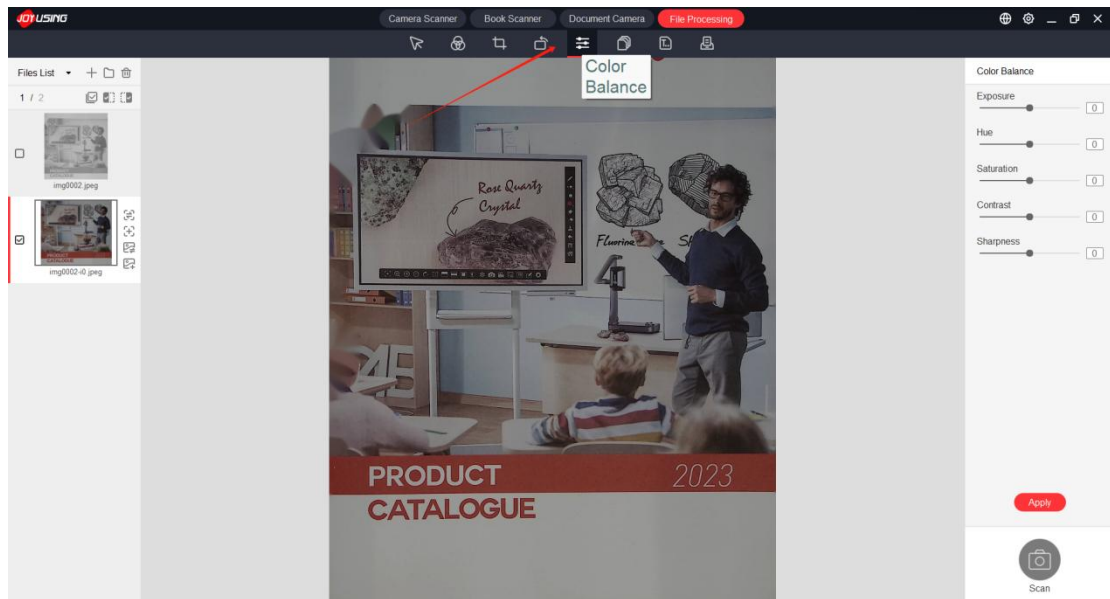
3.5.5. Document rotation

Rotate the image 90 or 180 degrees, flip it horizontally or vertically, or fine-adjust the angle.



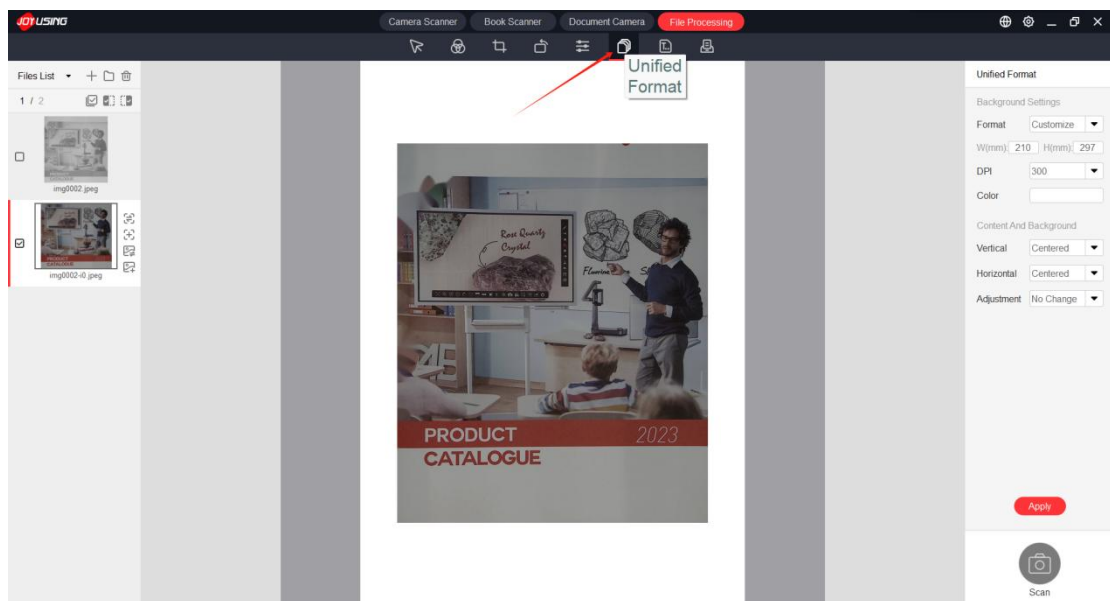
3.5.6. Color balance

Adjust scanned image's parameters, including exposure, hue, saturation, contrast, sharpness.



3.5.7. Unified size

Uniformly adjust the size of all selected images.



Background settings: uniformly adjust all selected pages background size(A3/A4, horizontal/vertical, or customized size), DPI, and back ground color.

Unified Format

Background Settings

Format Customize ▼

W(mm): H(mm):

DPI ▼

Color

Content position: adjust the relative position of the content and background.

Content And Background

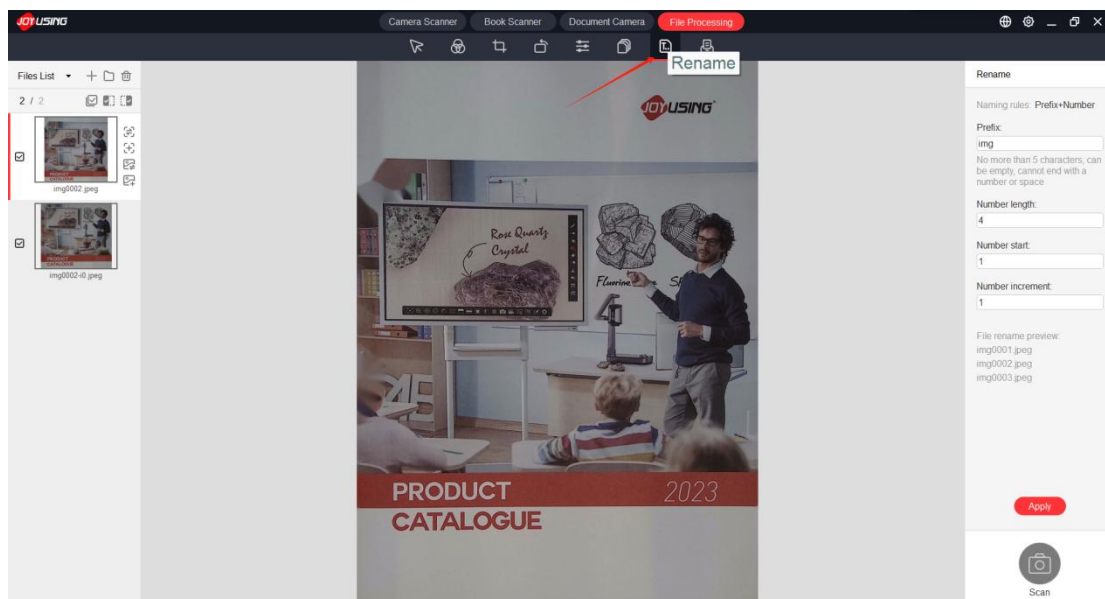
Vertical Centered ▼

Horizontal Centered ▼

Adjustment No Change ▼

3.5.8. Rename

Rename all selected images according to customized prefix, number length, start number, and number increment. New file name can be previewed below.



Rename

Naming rules: Prefix+Number

Prefix:

No more than 5 characters, can be empty, cannot end with a number or space

Number length:

Number start:

Number increment:

File rename preview:
img0001.png
img0002.png
img0003.png

Apply

Scan

3.5.9. Print

Bring up 'Print' window with preview. Adjust content size, paper direction, etc.

