

CZUR Lens Software V1.0

Document Description



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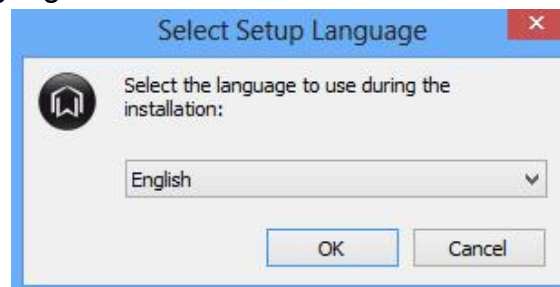
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Part I Supported System

XP/Win7/Win8/Win10, 32-bit and 64-bit

Part II Software Installation

First, the following prompt box will pop up, asking you to select an installation language:



Click **OK** when you have selected a language, and you will enter the SN verification interface.

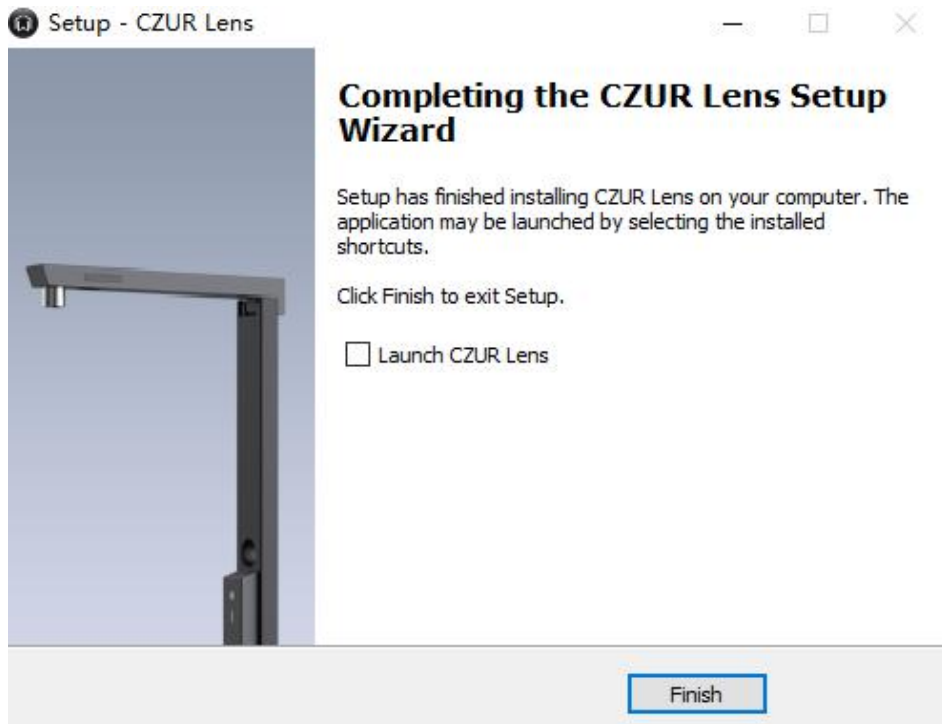
Find the SN (please note that number 1 is not included) for software installment under the base of the device and enter the SN correctly (you will not be able to install the software if the SN is incorrect). Click **Next** to enter the interface for setting the software installation path.

Click **Next** after you have selected an installation path, and a shortcut in the system Start Menu will be set.

Click **Next** after the setting, and the system will remind you to select additional shortcuts. You can check the one you need.

Click **Next** and the system will prompt that it is ready to install the software. You can see all the previous setting items.

Click **Install** to start the installation. The installation will take some time. The following prompt box will appear when the installation is finished.




Click **Finish** and the installation process ends. If you check **Run CZUR Lens**, the software will be run immediately.

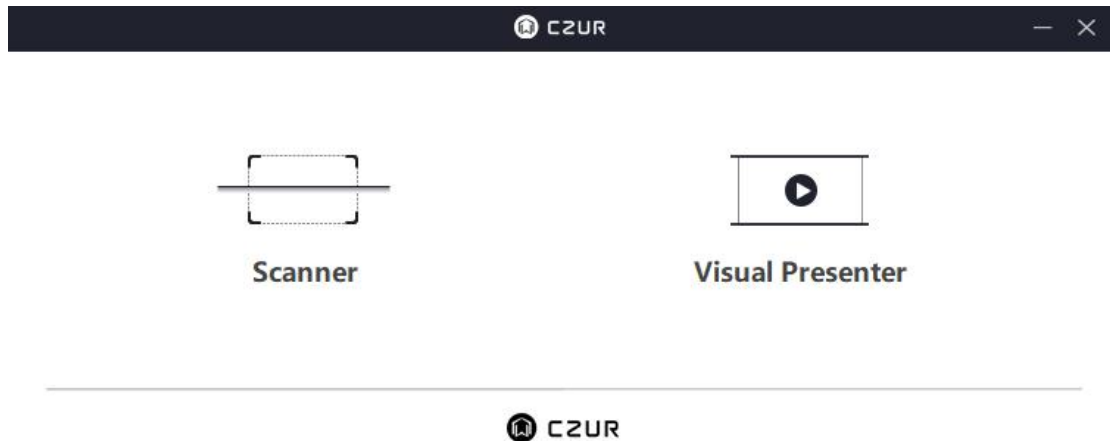
Part III Function Descriptions

3.1 Software Startup

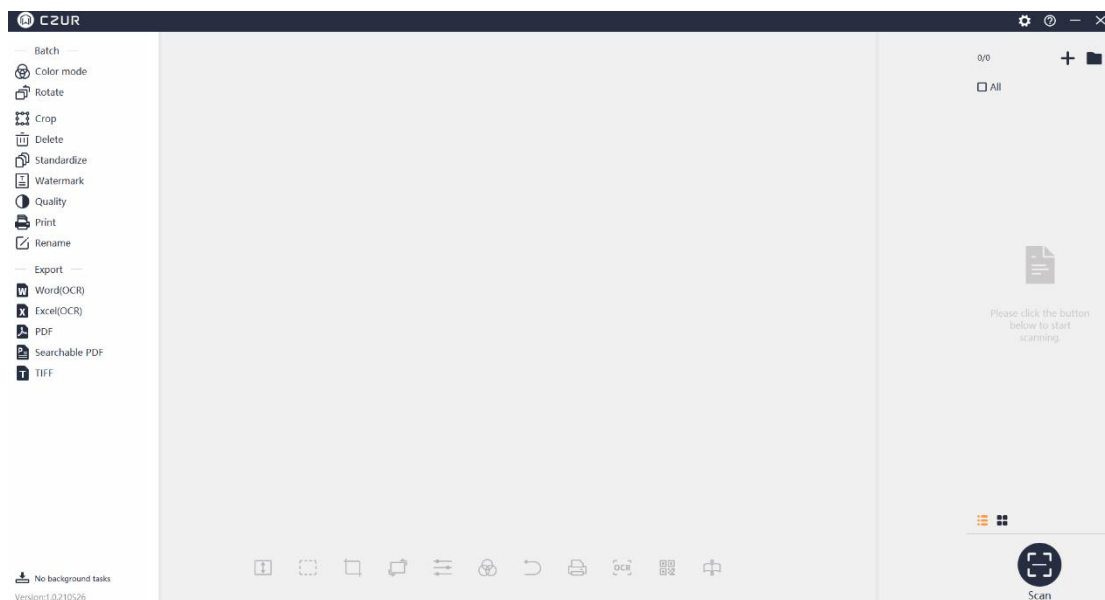


When the installation is finished, double click the shortcut , and you will see the following interface:





When the data and startup items are loaded, click to enter the main software interface:



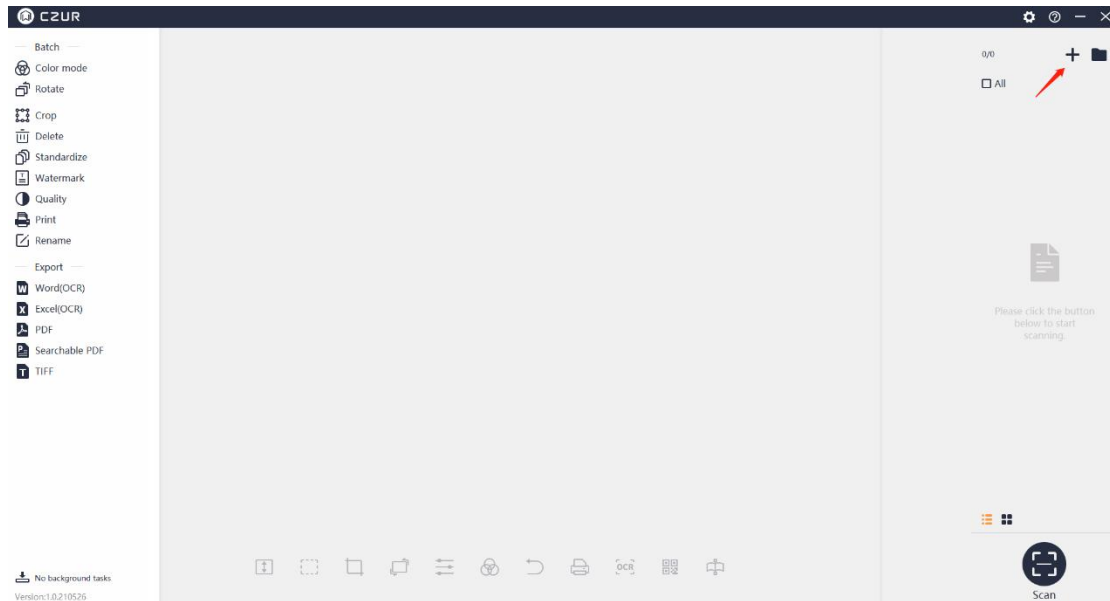
3.2 Main Interface

1. Batch Export functions include Word (OCR), Excel (OCR), PDF, searchable PDF, and TIFF.
2. Batch processing functions on the left include Color Mode, Rotate, Crop, Delete, Standardize, Watermark, Quality, and Print.

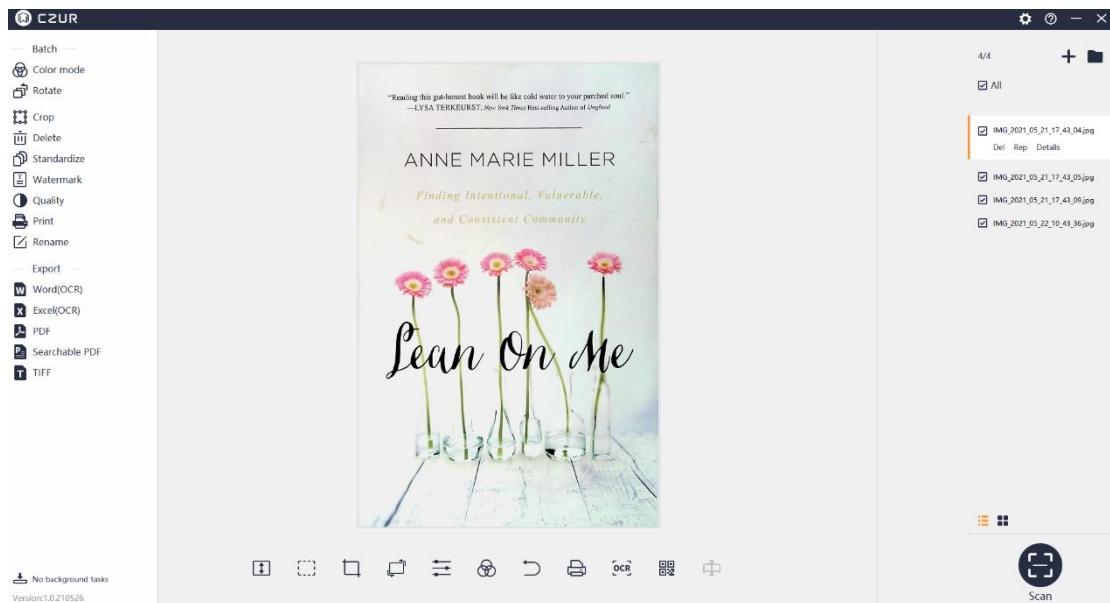
3.2.1 File List

1. Import File

The "+" icon in the upper right corner of the main interface is the Import File icon. Only JPG/JPEG files are supported.

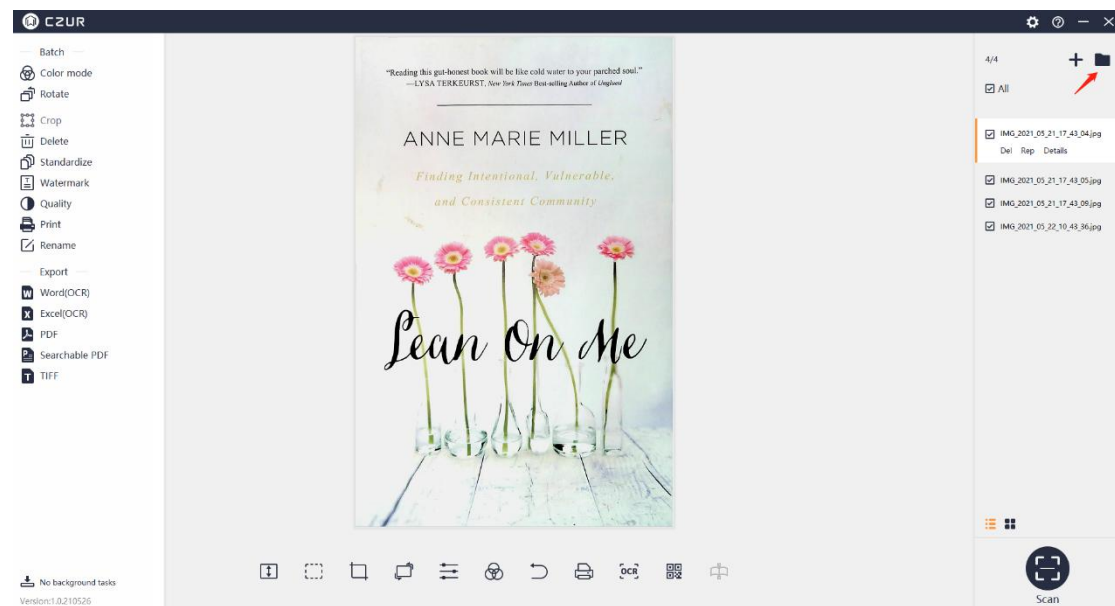


Click the "+" icon, and a folder dialog box will pop up. You can select one or more images to import. You can also import images from other folders if the images are JPG files. The main interface after the import is as follows:



2. Open Containing Folder

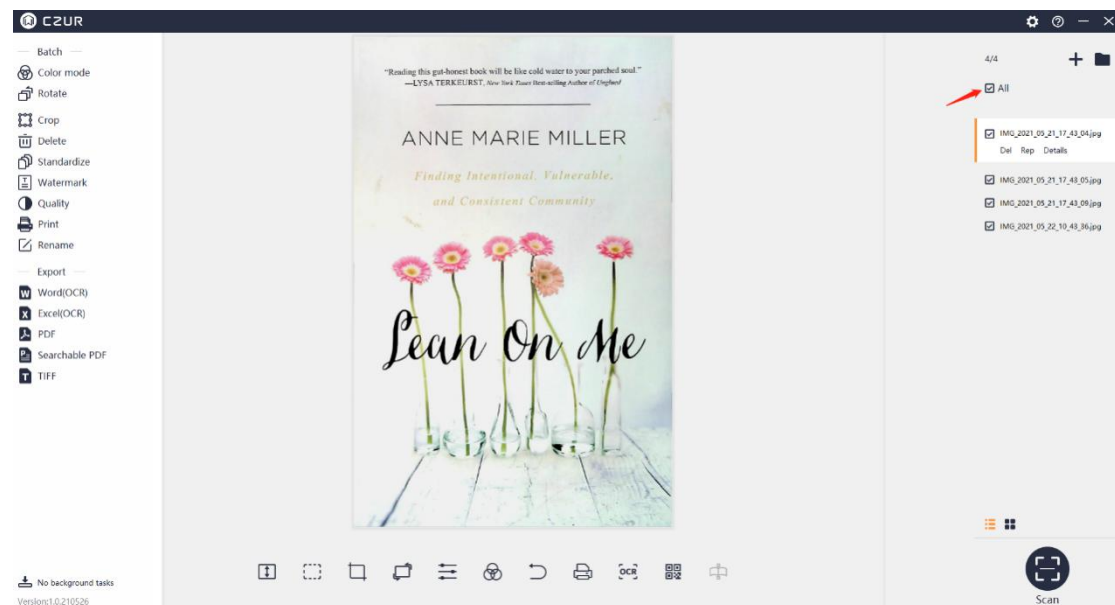
As indicated by the arrow in the upper right corner of the main interface, you can click the folder icon to the right of "+" to view the file location.



Click the folder icon, and the directory of the current image file or video file will be displayed.

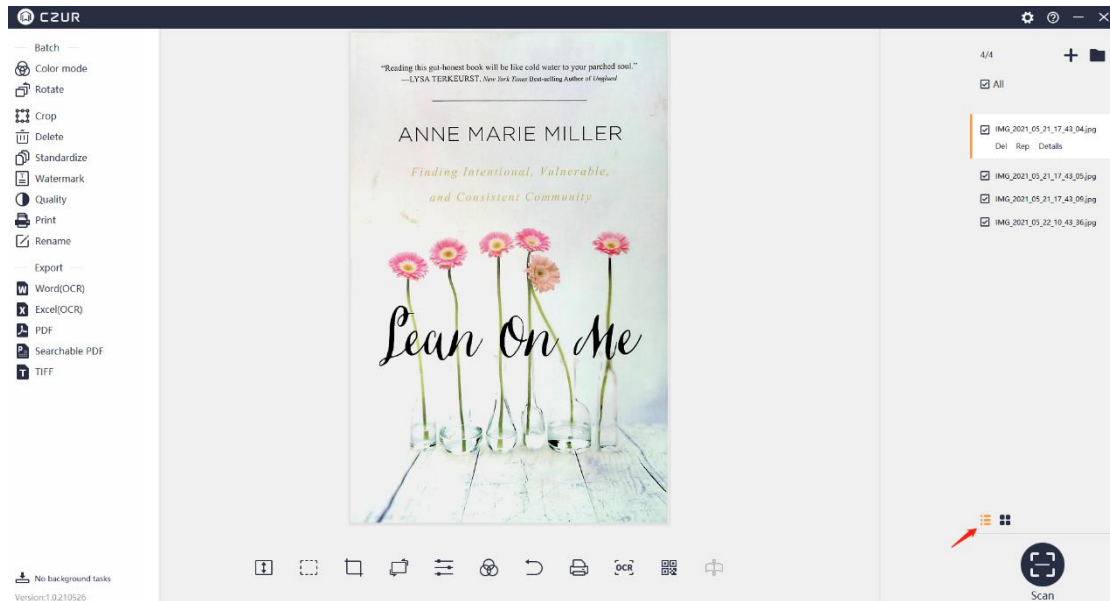
3. Select All

Click **Select All** above the file list on the right to select all the files on the list. The digits on the upper right corner will change accordingly. Click **Select All** again to deselect all the files. The Select All function is shown as follows:



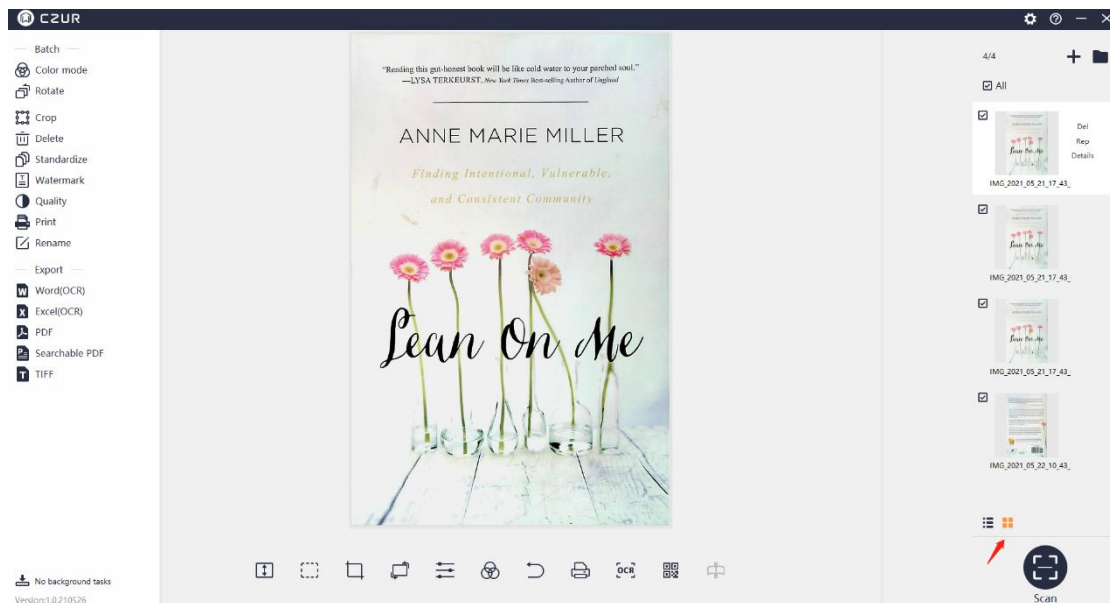
4. List Mode

Click the List Mode icon to view the files in file names:



5. Thumbnail Mode

Click the Thumbnail Mode icon to view the files in thumbnails:



6. Delete, Rescan, and Details

Delete, Rescan, and Details are the three operations for the current image file in the file list in both Thumbnail mode and List mode.

The Delete function is to delete and put a file into the recycle bin or remove a file from the list. It is only valid for the current image but invalid for batch processing.

The Rescan function is for rescanning the current image. Click **Rescan** to enter Scan Preview again and rescan the image. The newly scanned image will replace the old one, and the new image will be displayed on the left of the

scan preview interface. Click **Back** and the new image will replace the original one, and the file list will display the current new image.

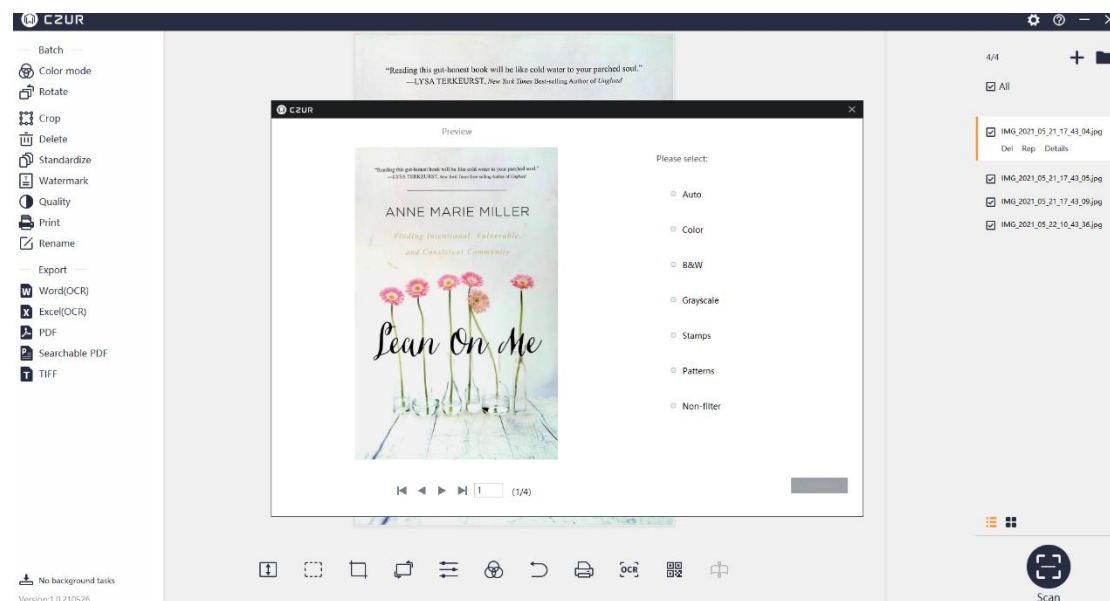
Click **Details** to view the width, height, modification time, and file size of the current image.

3.2.2 Batch Processing

The functions of batch processing are displayed on the left of the interface, including Color Mode, Rotate, Crop, Delete, Standardize, Watermark, Quality, Print, and Rename.

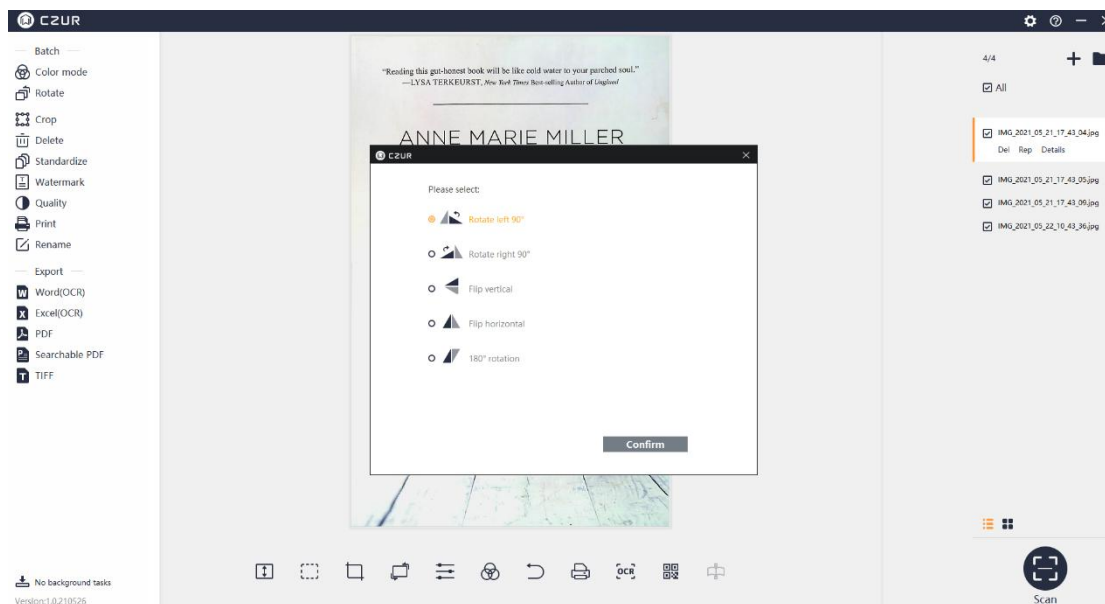
1. Color Mode

You can click the **Color mode** under **Batch** and select Auto, Color, B&W, Grayscale, Stamps, Patterns, or No Filter. When you click Color mode, a new window will pop up as shown below:



2. Rotate

Click **Rotate**, and a new window will pop up. The default checked option is Rotate Left 90°. The selected images can be rotated in batch. The options include Rotate Left 90°, Rotate Right 90°, Flip Vertical, Flip Horizontal, and Rotate 180°. The operation of Rotate Left 90° is shown as follows: (the operations for other modes are the same)



3. Crop

Click **Crop** and a pop-up window will appear. Both single page and facing page images can be cropped.

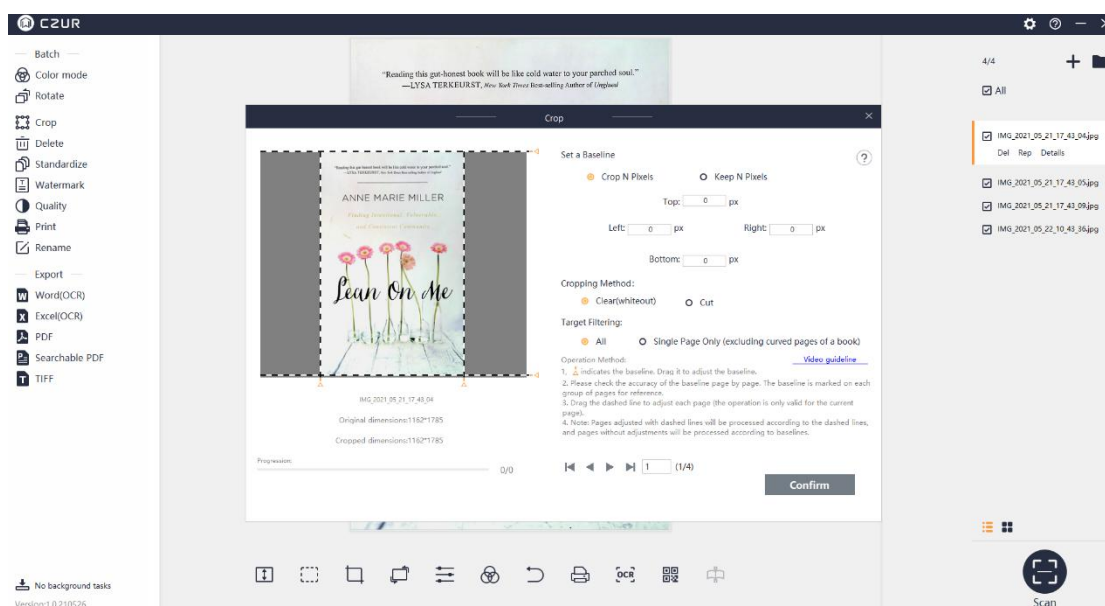
Crop N Pixels: The larger the value, the more pixels will be cropped from the image (the up, down, left, and right edges will be cleared (whiteout), or cut).

Keep N Pixels: The larger the value, the more pixels will be kept in the image (the up, down, left, and right edges will be cleared (whiteout), or cut).

Set a Baseline:

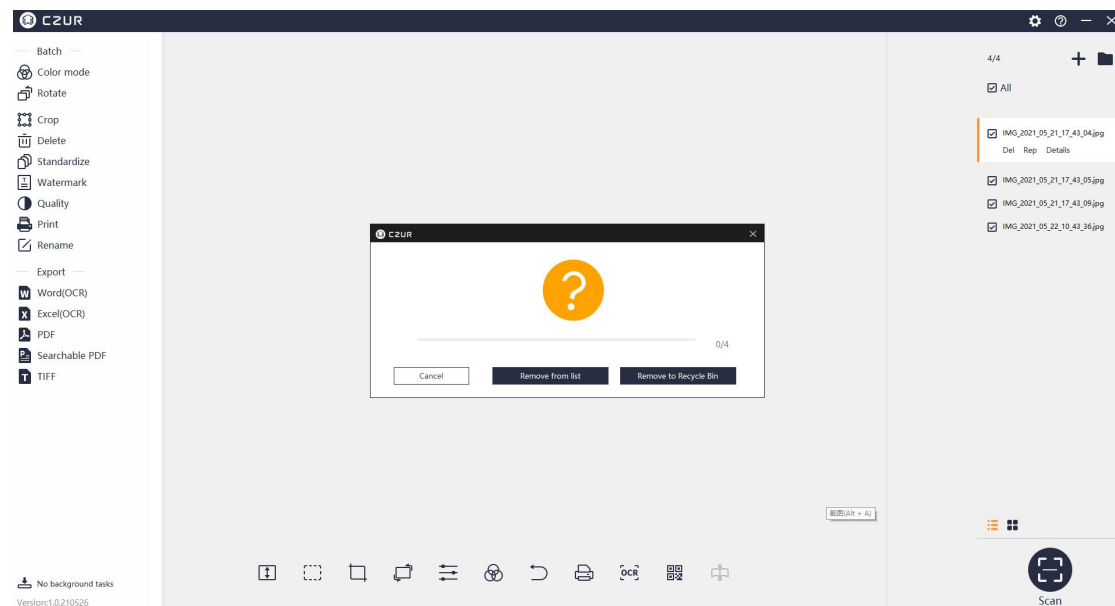
Dragging the baseline outside the image preview is valid for all selected images.

Dragging the baseline inside the image preview is valid for only the current selected image.



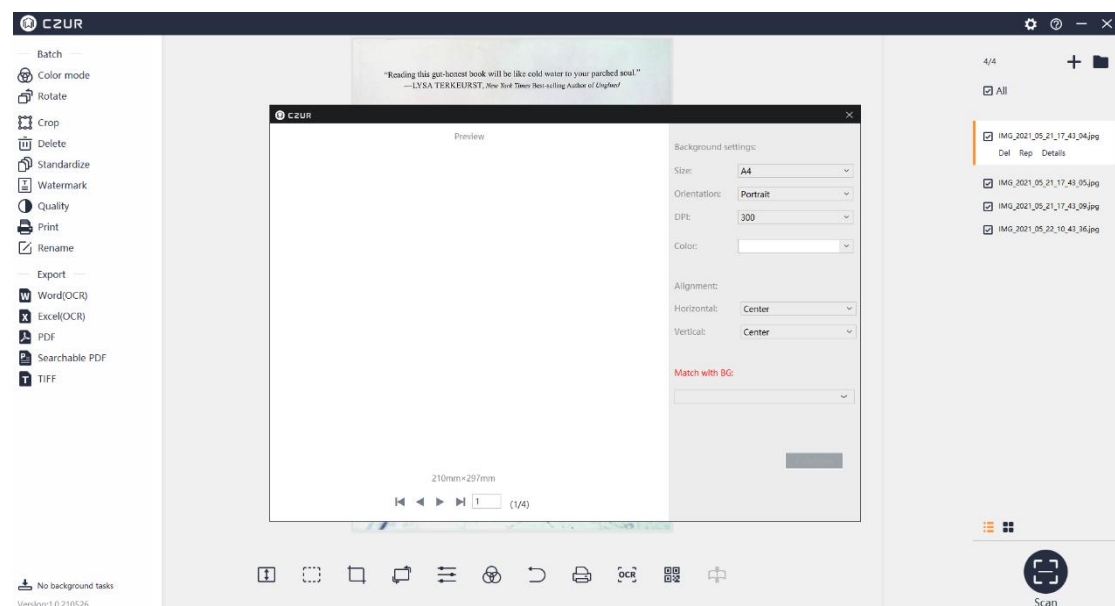
4. Delete

Click **Delete**, and a new window will pop up. You can remove a file from the list or move it into the recycle bin. Click **Cancel** and you can return to the main interface. The new pop-up window will appear as follows:



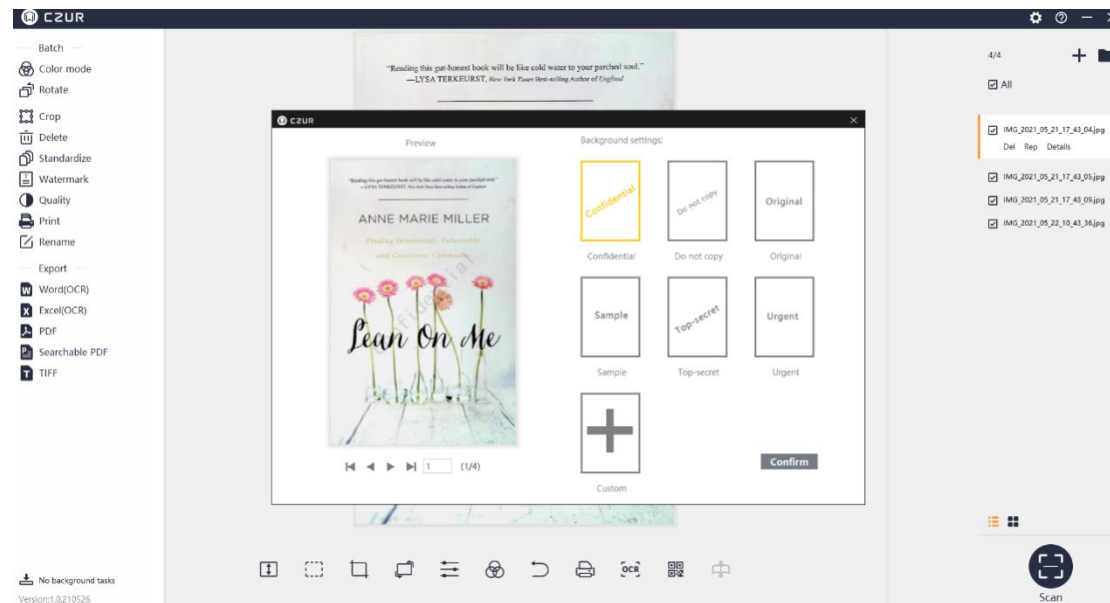
5. Standardize

Click **Standardize**, and a new window will pop up. You can select options for Background Settings (Size, Orientation, DPI, and Color), Alignment (Horizontal and Vertical), and Match with BG in the bottom is for adjusting the match relationship (Unchanged, Maximized, and Overspread) between the content page and the background page. The interface is shown as follows:



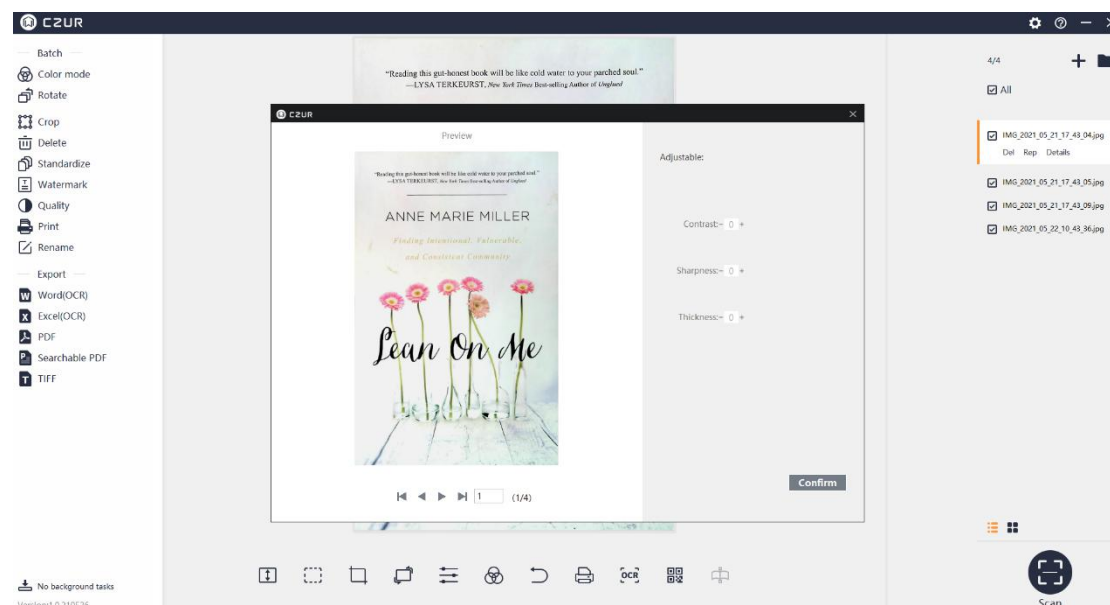
6. Watermark

Click **Watermark**, and a pop-up window will appear. The default watermark is confidential.



7. Quality

Click **Quality** and a new window will pop up. The left side of the new window is effect preview, and the right side is the adjustable options, including Contrast, Sharpness, and Thickness as shown below:

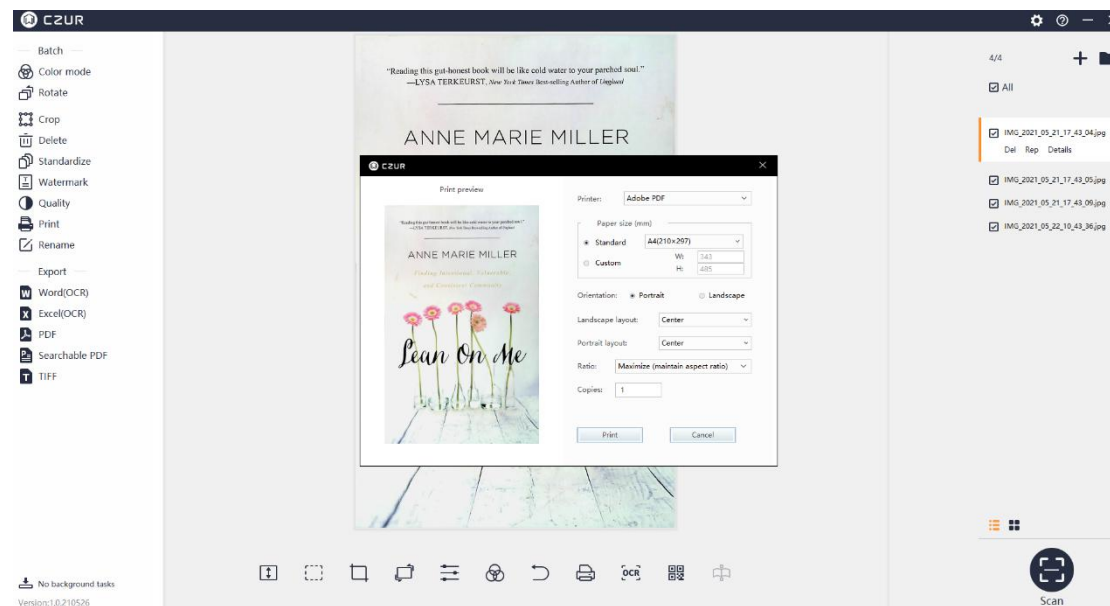


After the processing, a pop-up window will appear, informing you that the batch quality setting is completed.

8. Print

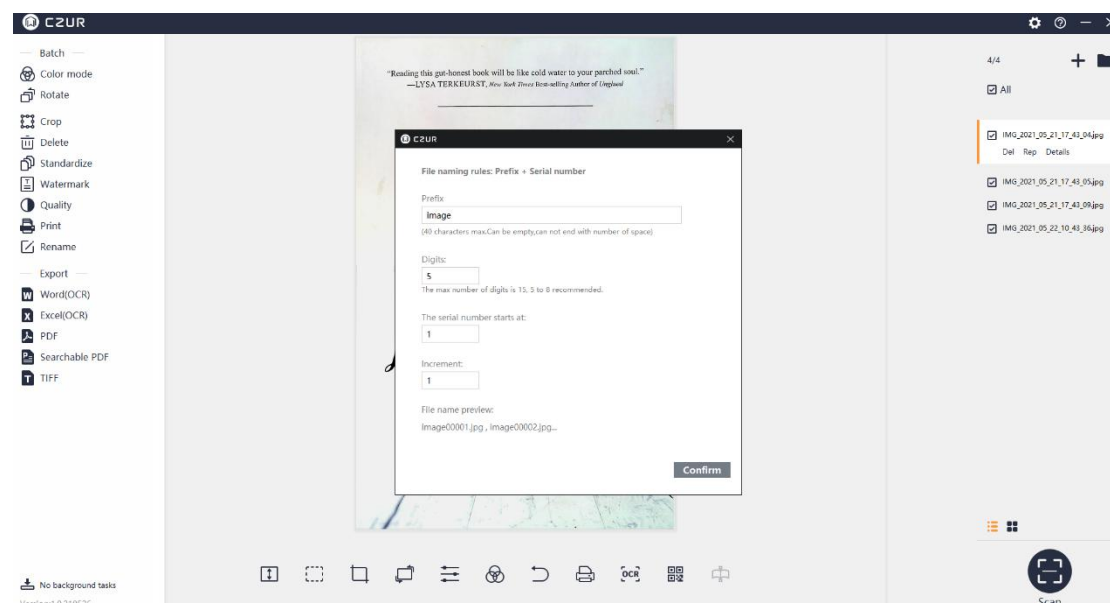
Click **Print** and a new window will pop up. The preview is on the left side of the new window, and the adjustable items are listed on the right side. The

items include Paper size, Orientation, Landscape, Portrait, Print Ratio, and Copies for the printing.



9. Rename

For selected images, you can set the prefix, number of digits, start number, and increment. You can see the preview of file name on the bottom. Click **Confirm**, and the files are renamed successfully.

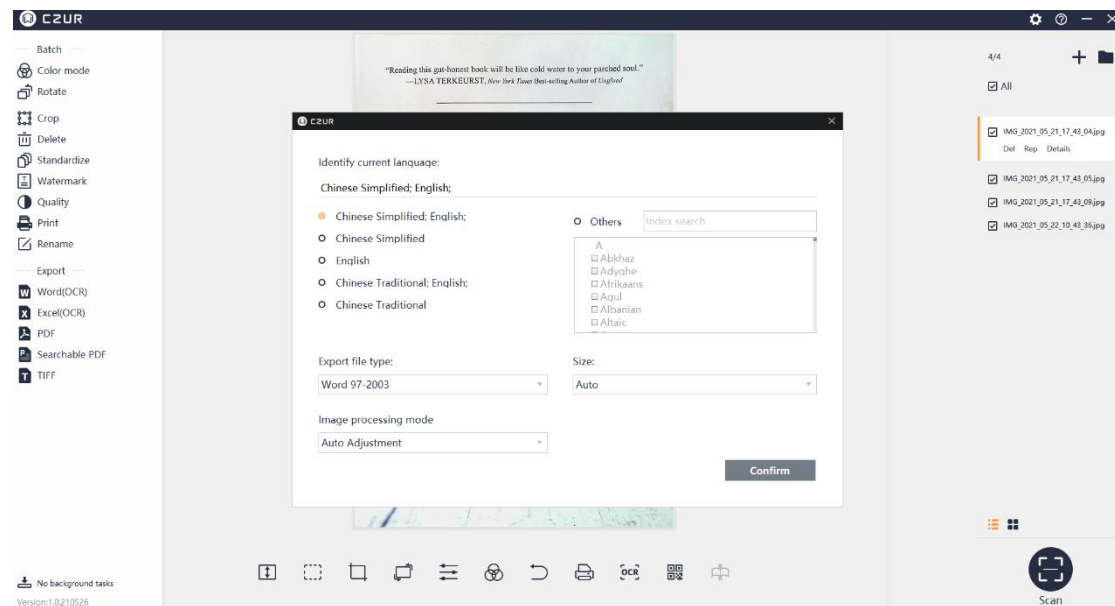


3.2.3 Export

1. Word (OCR)

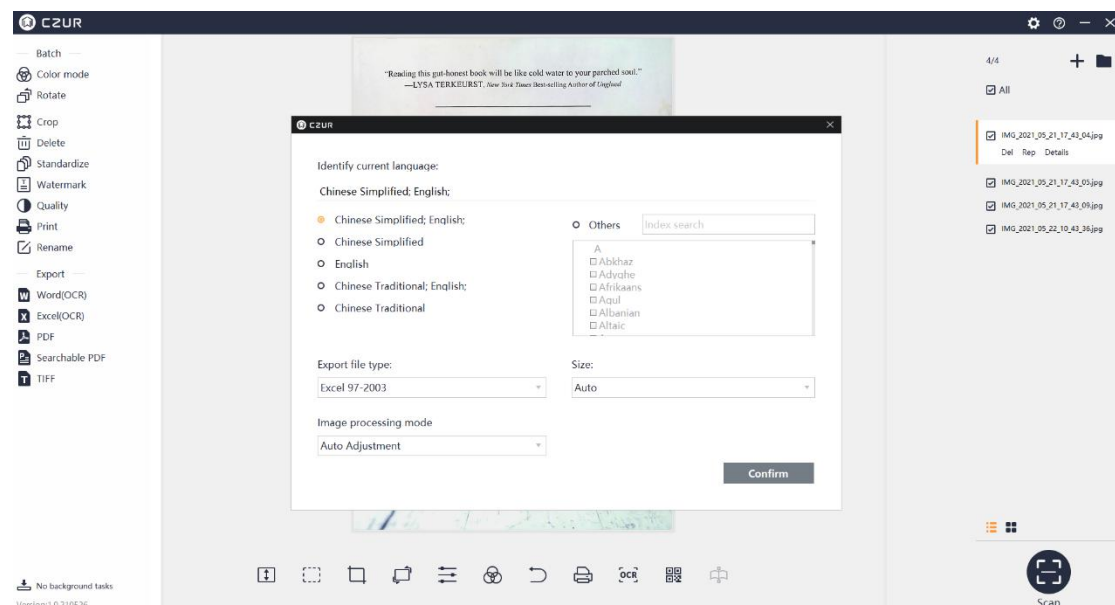
Word (OCR): The ABBYY OCR SDK can recognize the text on the image and save the text in a Word document. Back-end OCR is supported. Click **Word (OCR)**, and a new window will pop up. The current selected language on the left side of the window is the language selected during software installation by default. If you have manually selected another language, the last language

you selected for OCR will be the current language for OCR by default in a new window. You can select other language on the right, and select a page size on the drop-down list at the bottom. Page size options include Auto, A3, A4, A5, B3, B4, and B5. The interface is shown as follows:



2. Excel (OCR)

Excel (OCR): The ABBYY OCR SDK can recognize the text on the image and save the text in an Excel document. Back-end OCR is supported. The language selection process is the same as that in the Word (OCR) as shown in the following figure:



3. PDF

PDF: You can click **PDF** to convert the selected images into PDF files quickly.

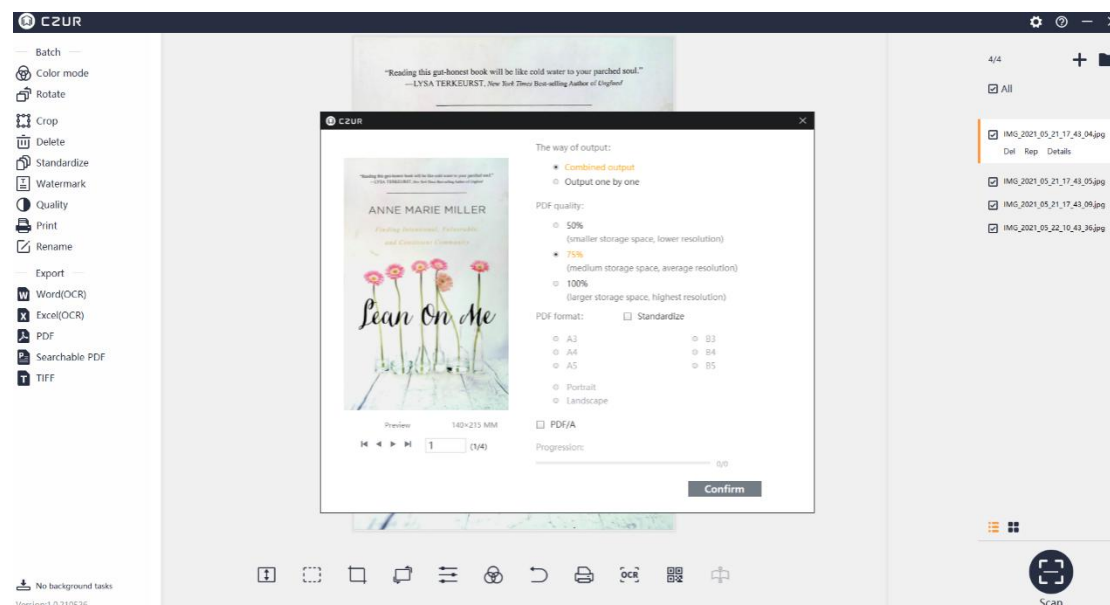
You can select a paper size of PDF (there are multiple size options), and

preview the image on the left in real time.

You can select **Combined Export** to export all selected image files in one PDF or select **Export One by One** to export the selected files into separate PDF file one by one.

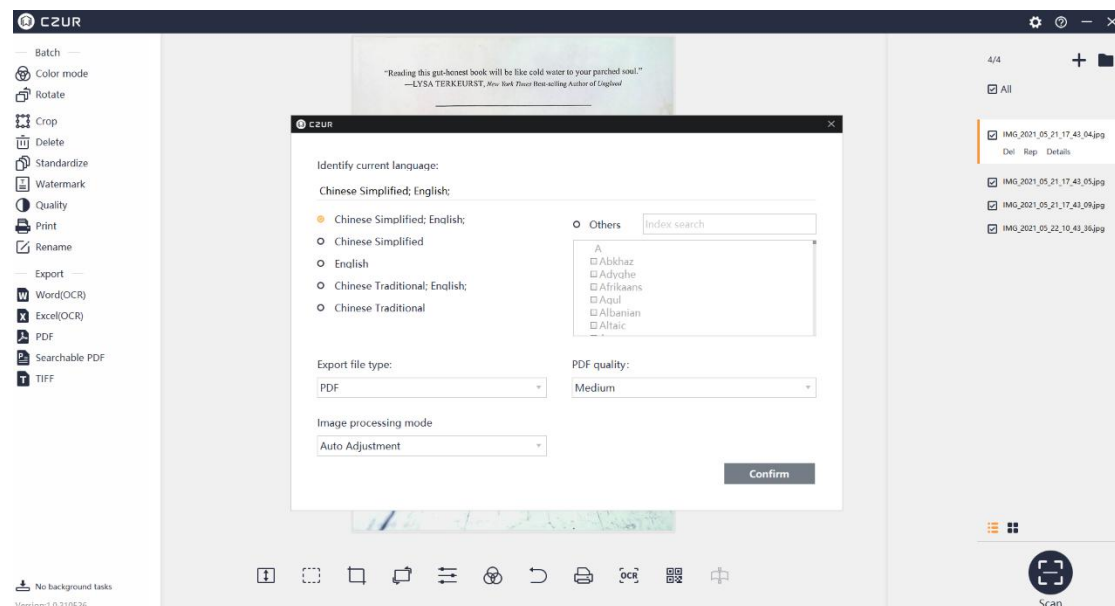
There are three options of PDF quality: 50% (small storage space), 75% (medium storage space), and 100% (large storage space).

You can select the default page size or a standardized size for the PDF file. The standardized size options include A3, A4, A5, B3, B4, B5, Portrait, and Landscape as shown in the following figure:



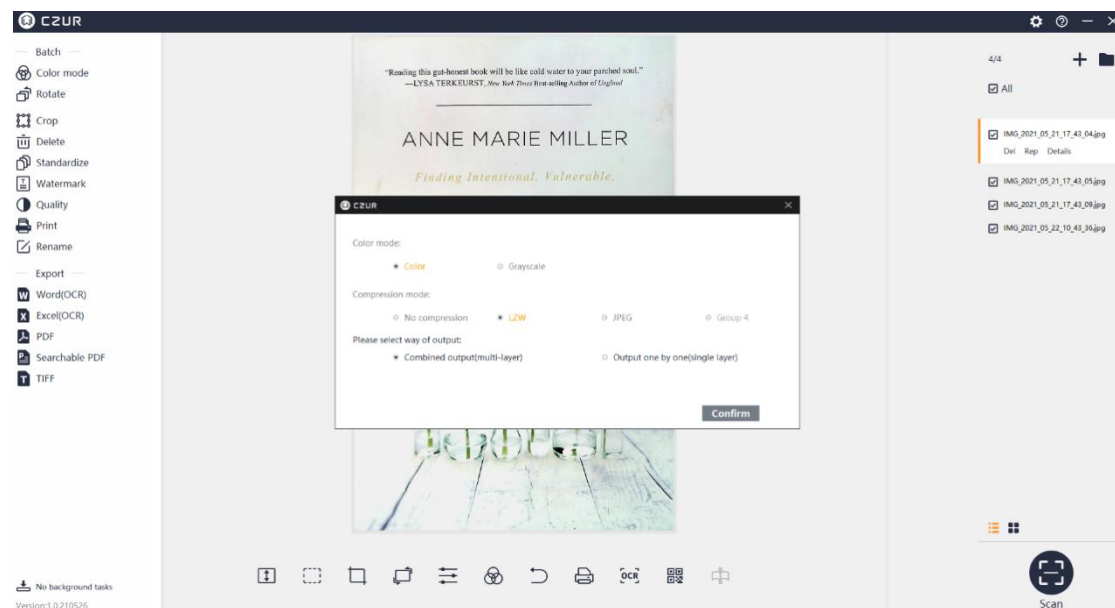
4. Searchable PDF

Searchable PDF: The ABBYY OCR SDK can recognize the text on the image and save the text in a PDF document. Back-end OCR is supported. The language selection process is the same as that in the Word (OCR):



5. TIFF

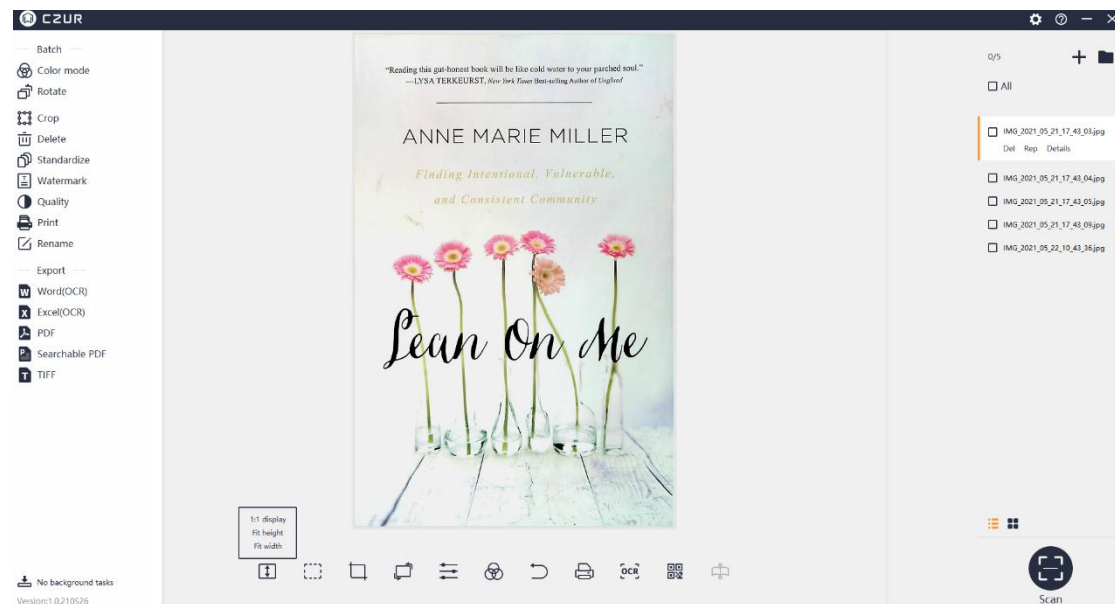
TIFF: You can click **TIFF** to convert the selected images into TIFF files. The color modes include Color and Grayscale. The compression methods include Uncompressed, LZW, JPEG, and Group 4. The file export methods include Combined Export and Output One by One. After selecting the above parameters, click **Confirm** to select save path and file name, and then complete the export of TIFF files.



3.2.4 Edit Bar

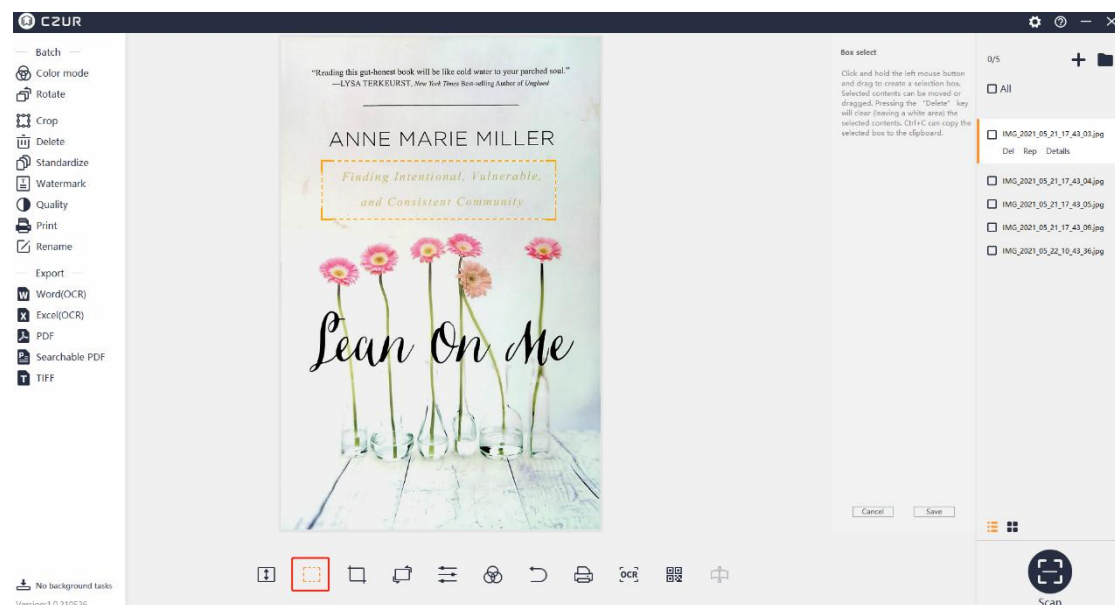
1. Display

You can click the Fit Height icon to switch between different options:



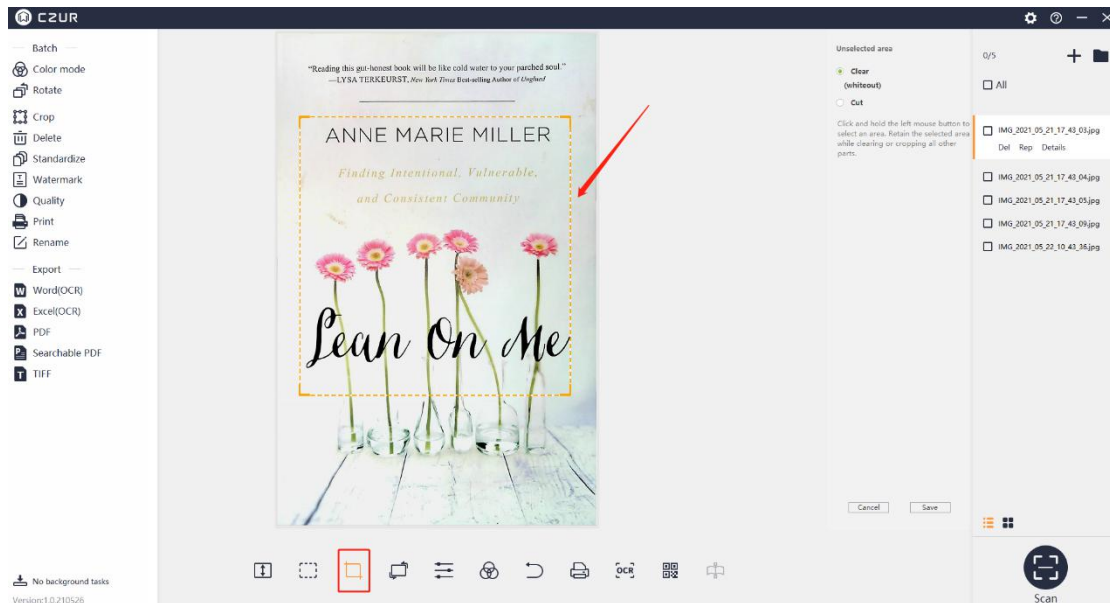
2. Manual Select

You can drag the mouse to select an area of the image and then drag or press CTRL+C to copy the area to clipboard. Drag the selected area and the original area will be left blank. Press the Delete key to clear (whiteout) the selected area. Press Save and the manual select effect will be displayed on the main interface.



3. Crop

The Crop options include Clear (whiteout) and Cut. Click and hold the left button of the mouse to select an area. The default Crop option is Clear (whiteout) as shown below:

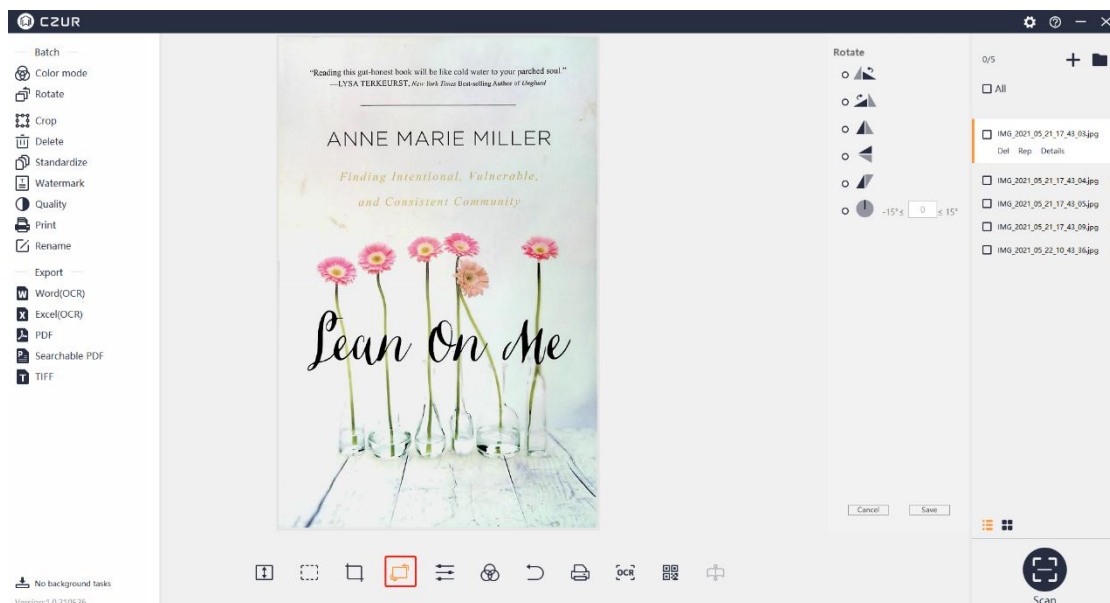


Clear (whiteout) means that the original size is unchanged except for the selected area, and the background of the non-selected area becomes white.

Cut means that only the selected area is retained, while the non-selected area is completely deleted.

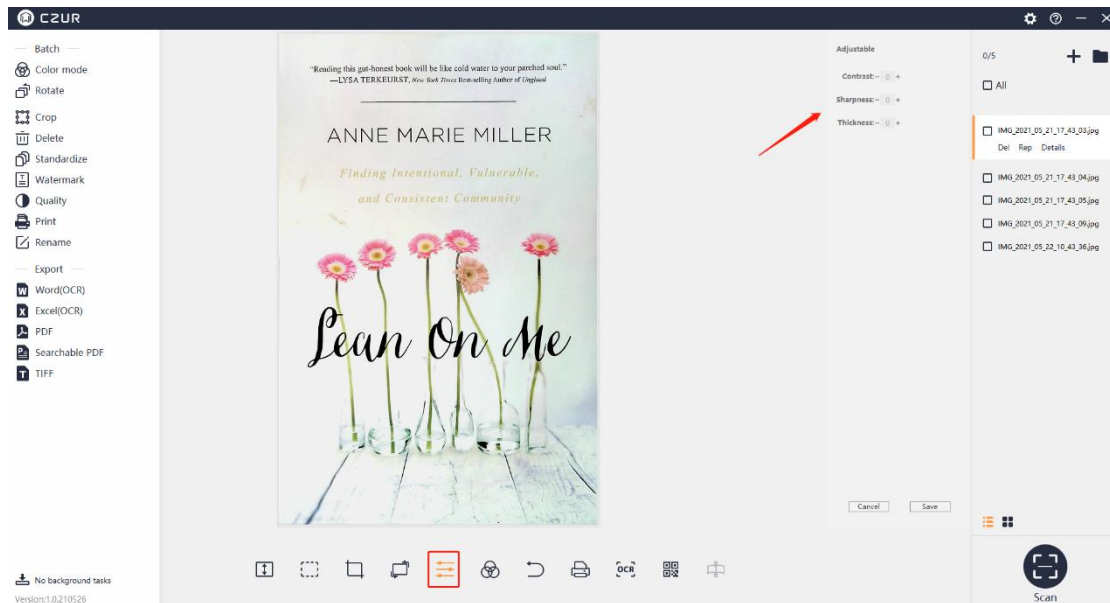
4 Rotate

For the Rotate icon on the edit bar, the rotate options on the right include Rotate Left 90°, Rotate Right 90°, Flip Horizontal, Flip Vertical, and Rotate 180°. The maximum custom rotate angle is $\pm 15^\circ$. The interface is as shown below:



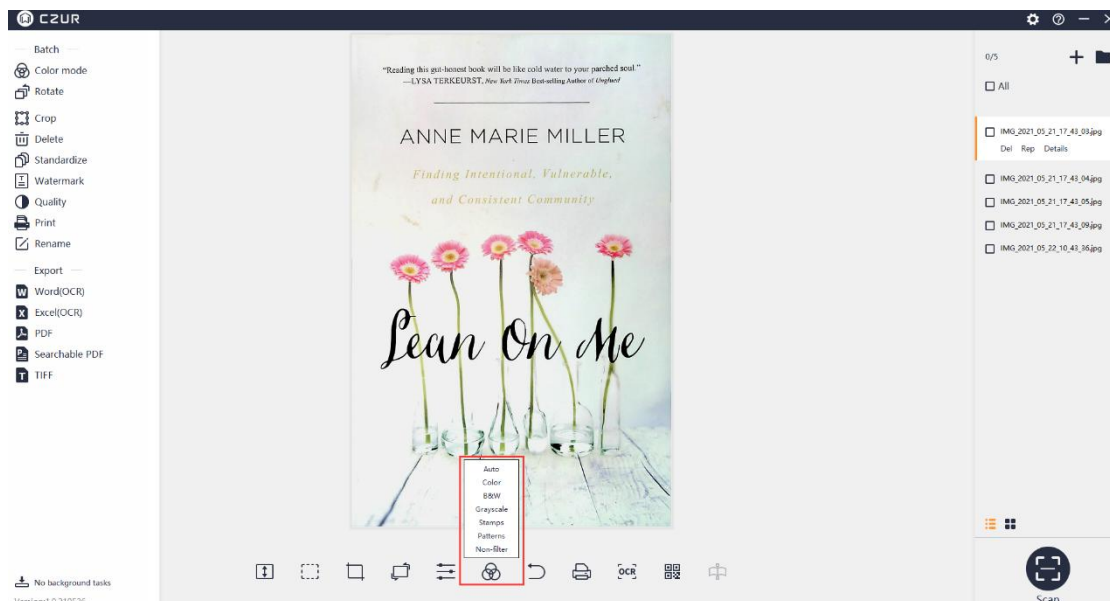
5. Quality

For the Quality icon on the edit bar, the quality options on the right include Contrast, Sharpness, and Thickness, and they can be adjusted in a range of ± 5 . The image preview on the left will change accordingly as you adjust the angle. The interface is as shown below:



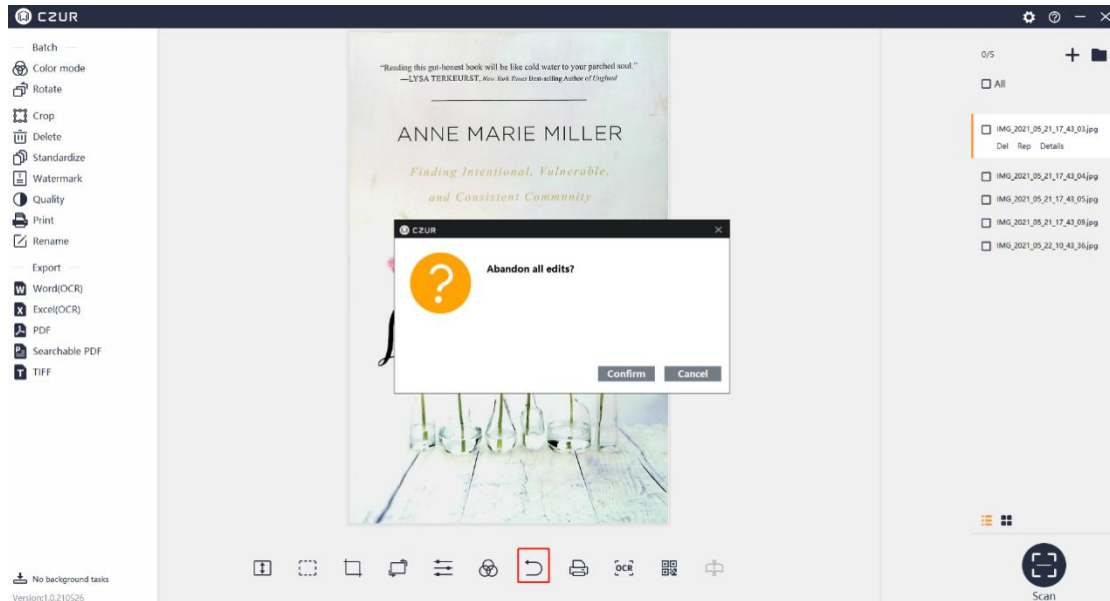
6. Color Mode

There are seven color modes on the edit bar, including Auto, Color, B&W, Grayscale, Stamps, Patterns, and No Filter. The image on the main interface will change accordingly as you select the options.



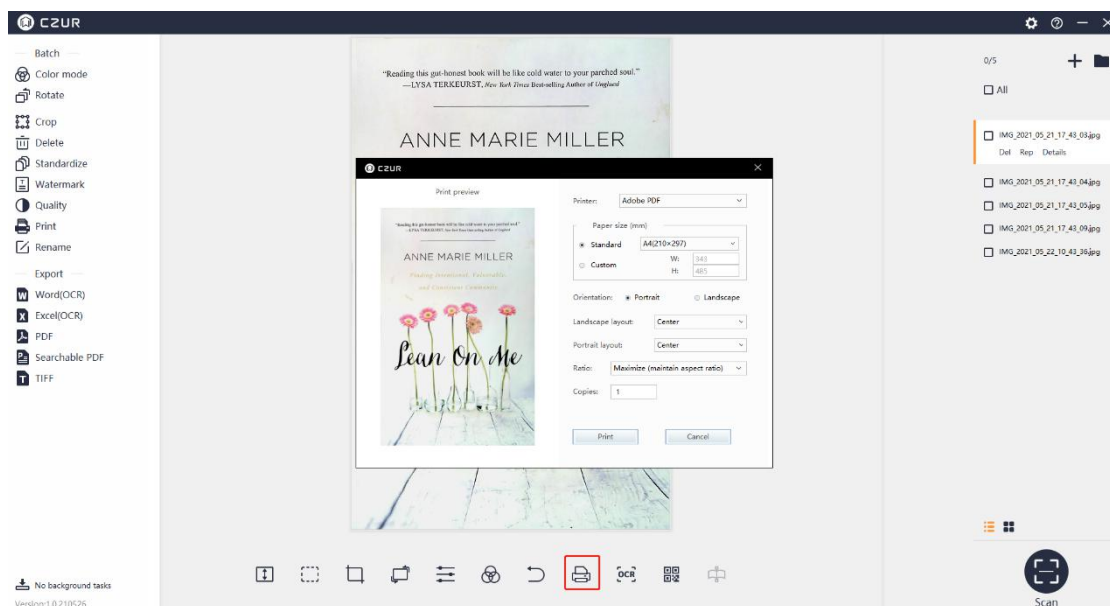
7. Undo

The interface of Undo is shown as follows:



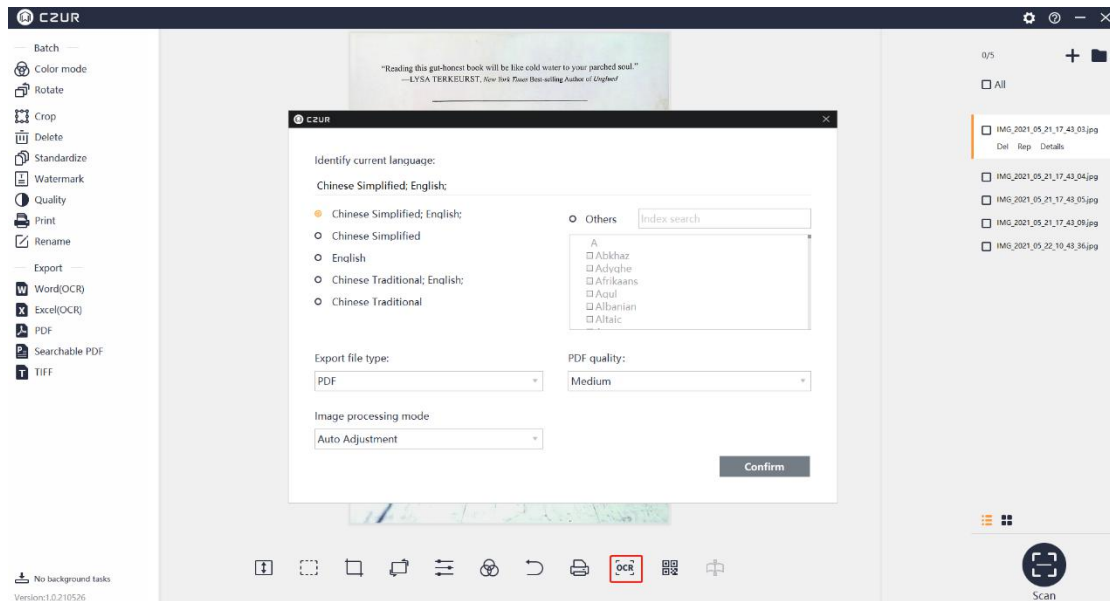
8. Print

Click the **Print** icon on the edit bar and a new window will pop up. The Preview is on the left side of the new window, and the adjustable options are listed on the right. The options include Paper size, Orientation, Landscape, Portrait, Ratio, and Copies for the printing.



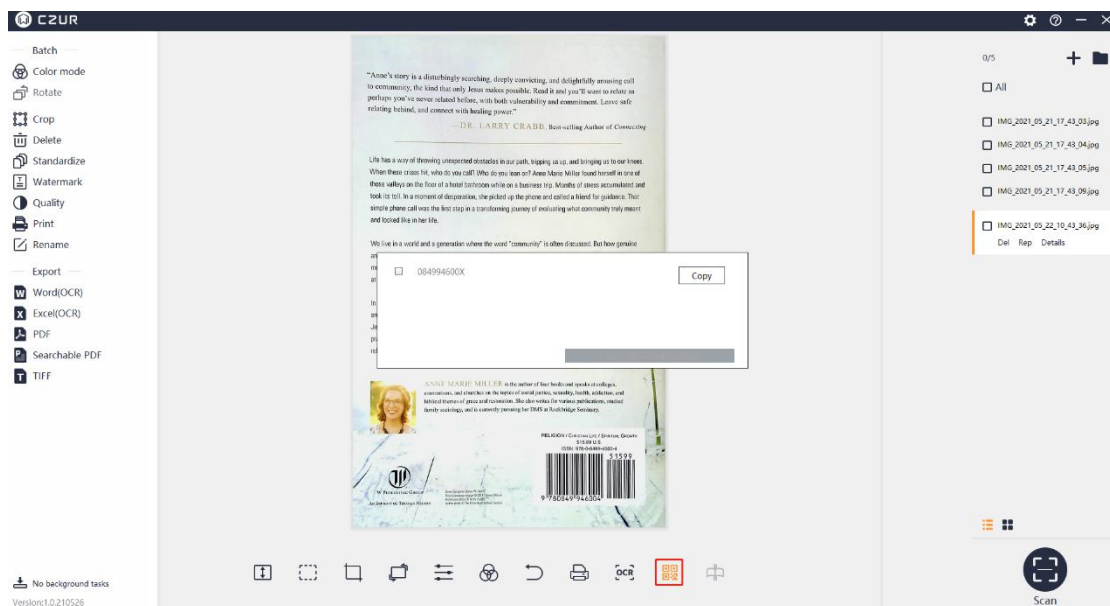
9. OCR

The OCR icon on the edit bar is a one-key OCR function, which is valid for only the current file but invalid for batch processing. You can select a paper size from the drop-down list at the bottom. The paper size options include Auto, A3, A4, A5, B3, B4, and B5 (only valid for Word file). When you click **Confirm** and select a save path for the file, you can generate a PDF, Word, or Excel file. The interface is as shown below:



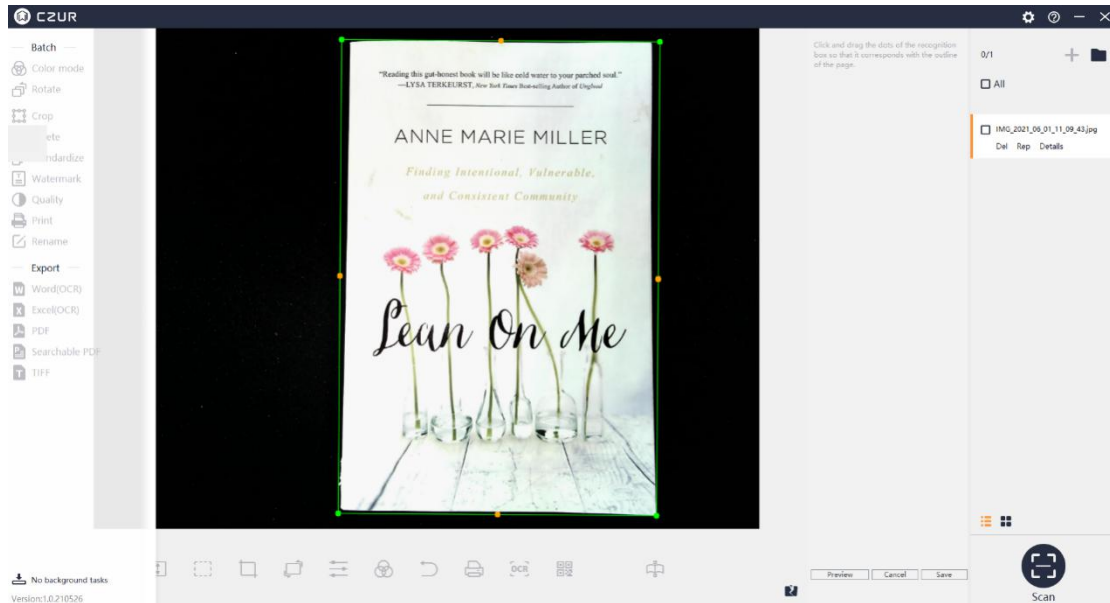
10. Scan QR Code

You can click the Scan QR Code icon to recognize the QR code or barcode on the current image. Results will be displayed one by one on a dialog box. You can copy a single result or multiple results. Click the icon again and the recognition box will be closed.



11. Tilt Adjustment

The function is valid for images under the Flat Single Page processing mode. For the current image under the Flat Single Page processing mode, click the Tilt Adjustment icon to enter the adjustment interface:

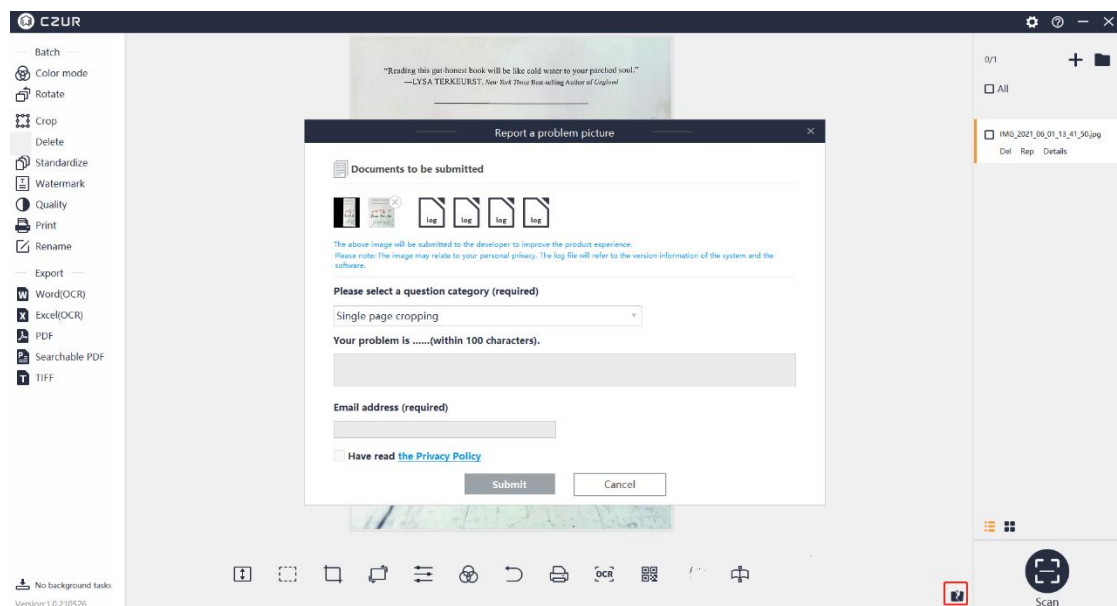


You can drag the dots on the borders to adjust the cropped position and preview the effect. Click **Preview Effect** and a pop-up window will appear to show you the effect. You can also cancel or save the result.

After the adjustment, click **Preview Effect** and a pop-up window will appear to show you the effect. You can also cancel or save the adjustment result. The effect will be changed when you click Save.

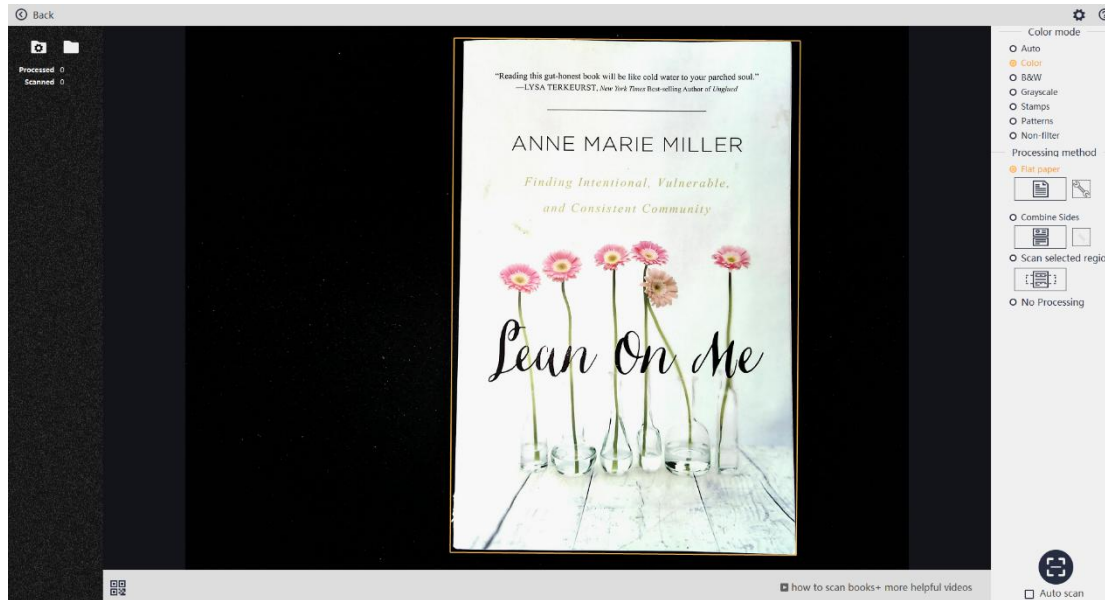
12. Feed Back Image Problem

If you are not satisfied with the processing effect, you can click the feedback button to submit the image to CZUR's developer for optimizing the image processing algorithm.



3.2.5 Enter Scan Preview

Click **Scan**, and the scan preview interface will display the video, the default color mode is Color, and the default processing method is Flat Single Page as shown below:



3.3 Scan Preview

3.3.1 File Saving

1. Browse for Folder

Click the Browse for Folder icon in the upper left corner of the preview to pre-set the saving path for scanned images. The default saving path is "System Disk: \My Documents\LensDoc\sources" as shown below:

2. Open Containing Folder

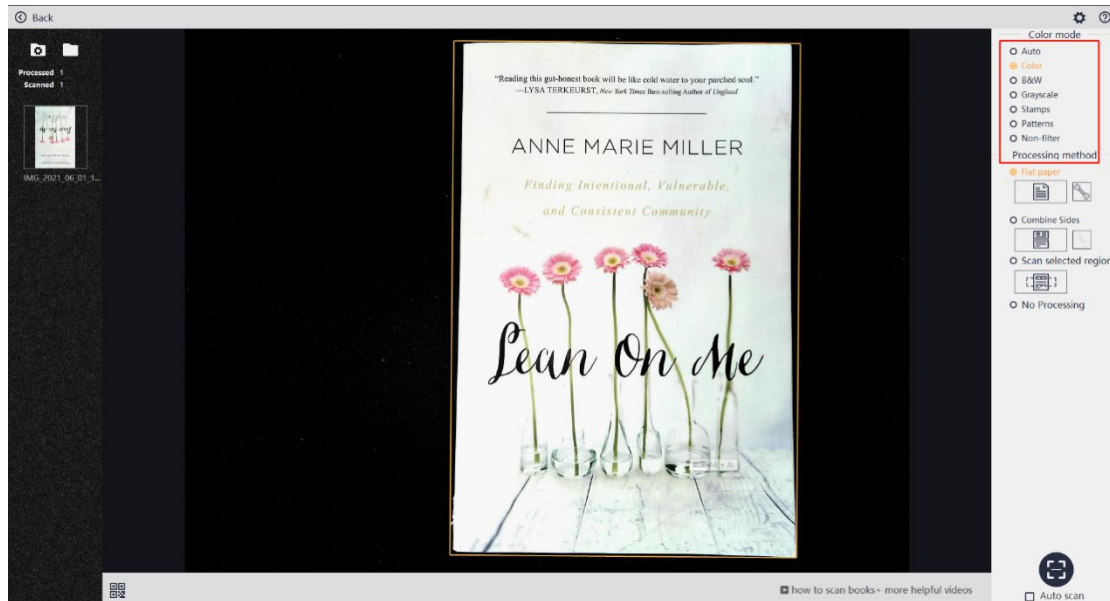
Click the Open Containing Folder icon in the upper left corner of the scan preview to view the saving path of the current scanned image file or video file:

3. File Naming

The naming format for the thumbnails displayed on the left list is based on time stamp: IMG year_month_day_hour_minute_second.jpg.

3.3.2 Color Mode

Color modes for scan preview can be preset. The options include Auto, Color, B&W, Grayscale, Stamps, Patterns, and No Filter.



3.3.3 Processing Method

1. Flat Single Page

If you select Flat Single Page, the device will automatically cut the paper edge and automatically correct the rotation direction according to the text direction. Please note that the document to be scanned should be placed within the black soft pad.

2. Combine Sides

The function is suitable for scanning the front and back sides of a document (such as ID card). The front and back sides of an ID card can be combined on one image.

3. Manual Selection

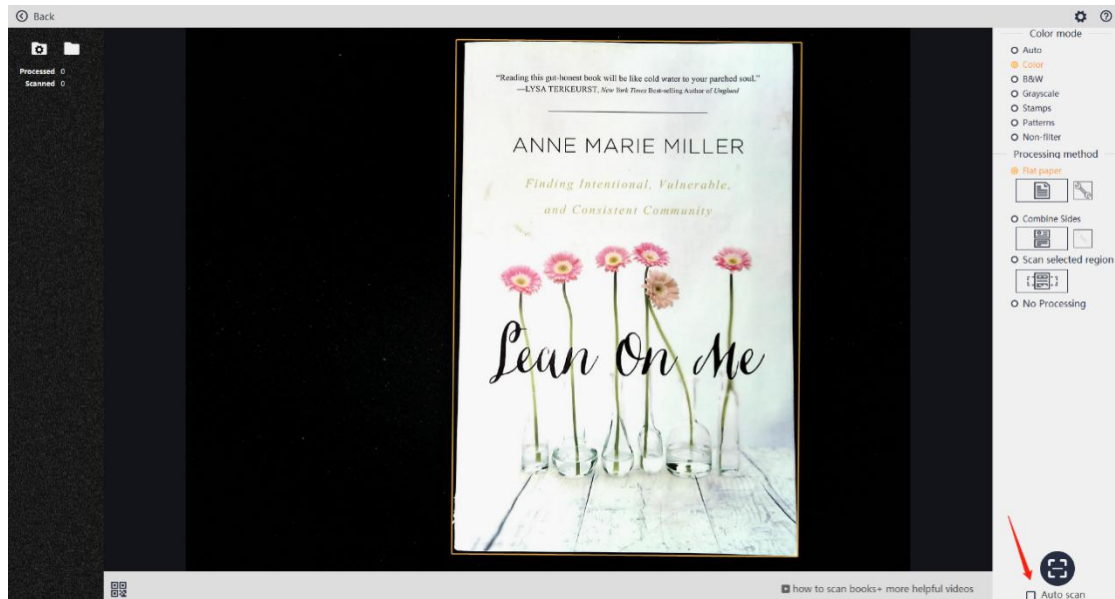
With the Manual Selection function, you can select an area with mouse in the preview interface, and save the selected area only.

4. No Processing

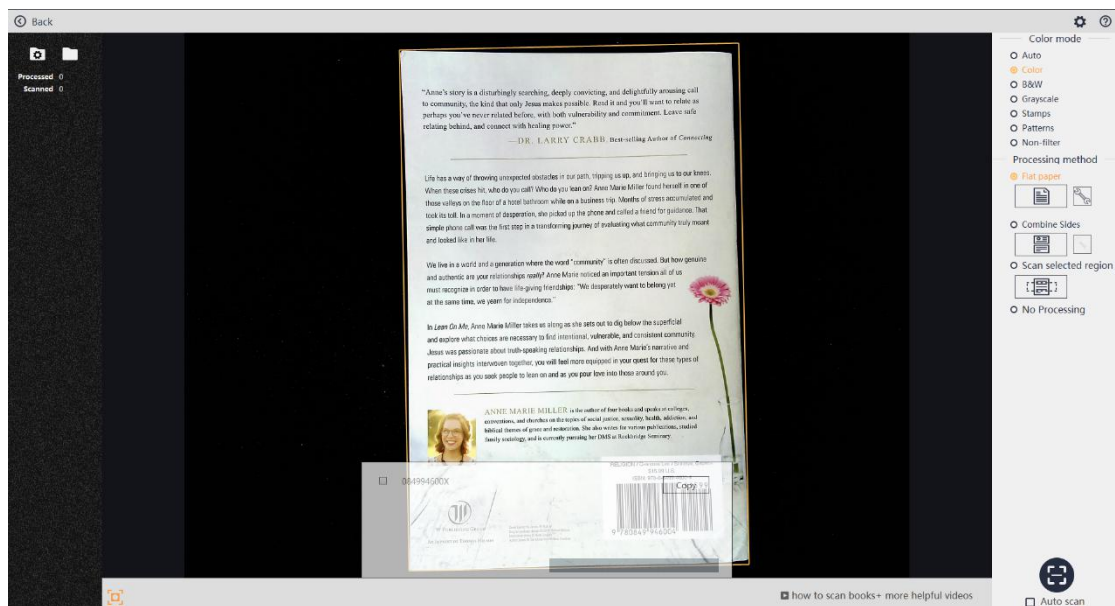
No Processing means the original image will not be flattened or cropped.

3.3.4 Scan

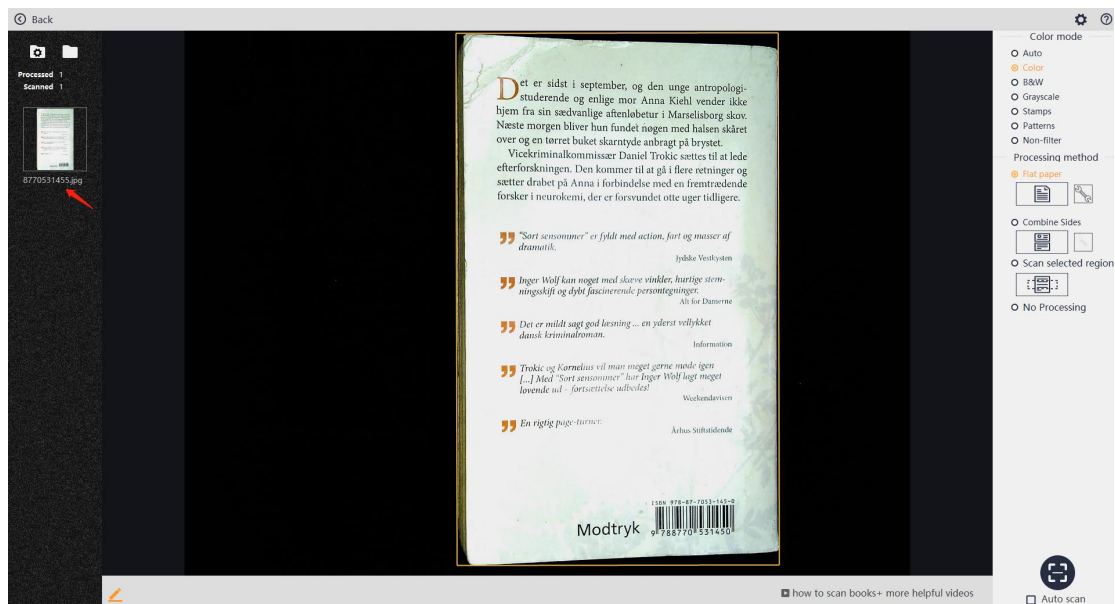
You can click the scan button on the software interface to start scanning. If you check **Auto Scan**, the software will scan the target automatically when the target to be scanned changes.



If you click the Barcode/QR Code Recognition icon, and select Recognize Barcode/QR Code in real time (you can click the icon again to disable the function), the Barcode/QR Code content on the image will be displayed in real time on a pop-up window. You can click the **Copy** button to copy the results.

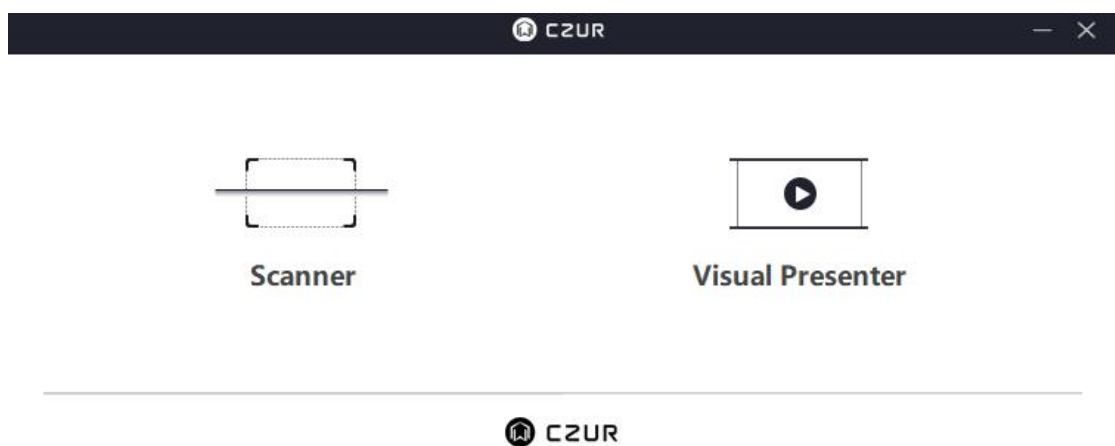


If you click the Barcode/QR Code Recognition icon, and select Name File with Recognition Result (you can click the icon again to disable the function), the file obtained after the scanning will be named with the recognition result. If there are multiple results, the file will be named with the first recognition result.

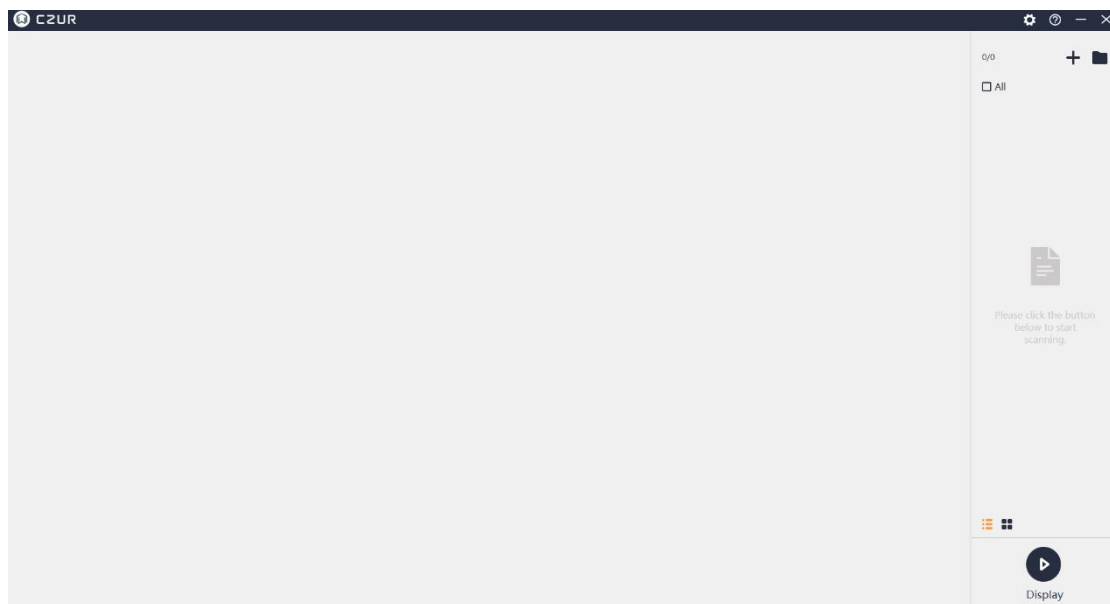


3.4 Video Presenter

3.4.1 Video Presenter

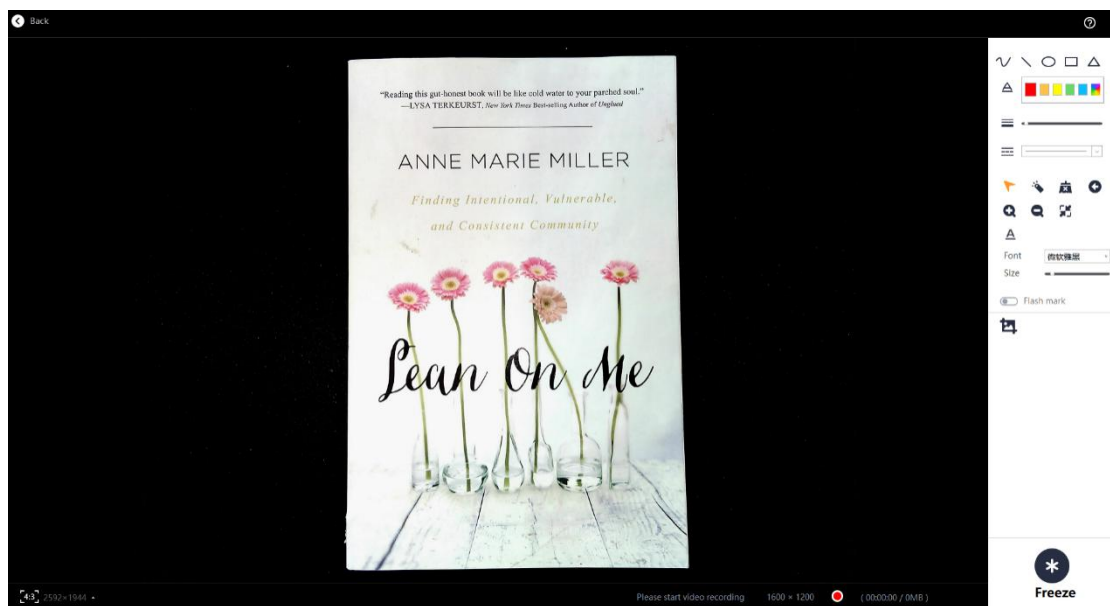


When the data and startup items are loaded, you can click **Video Presenter** to enter its main interface. The main interface is as follows:

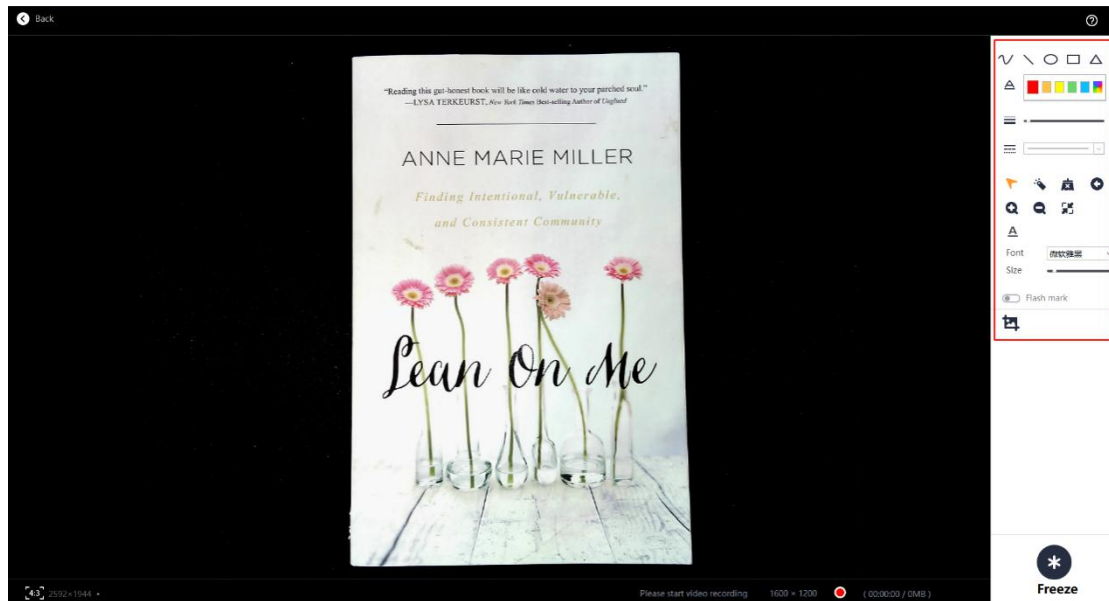


3.4.2 Real-Time Display

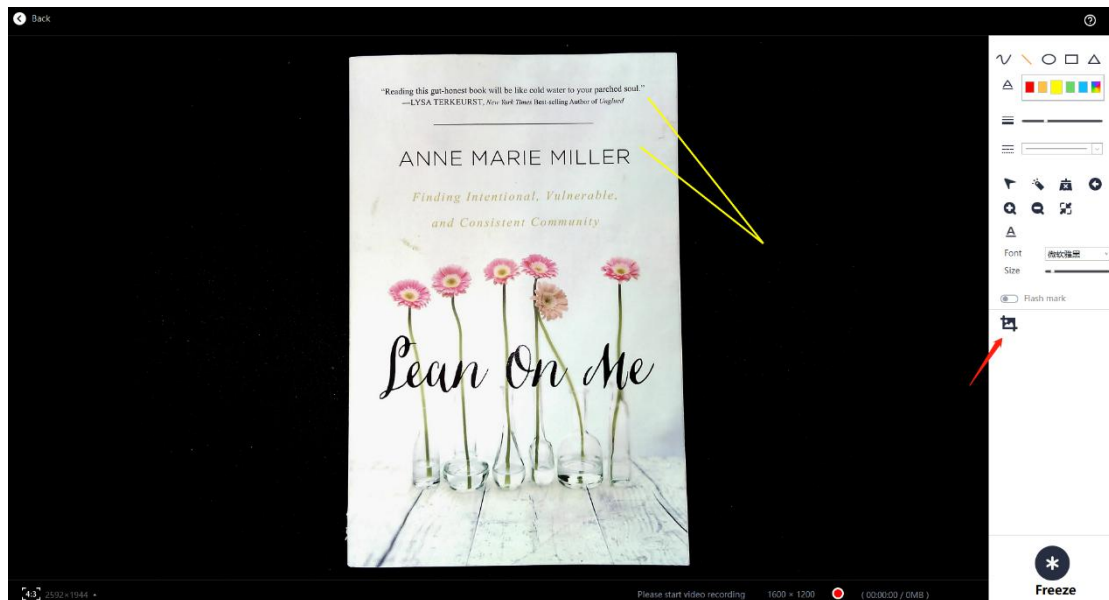
Click **Real-Time Display** to see the real-time display page.



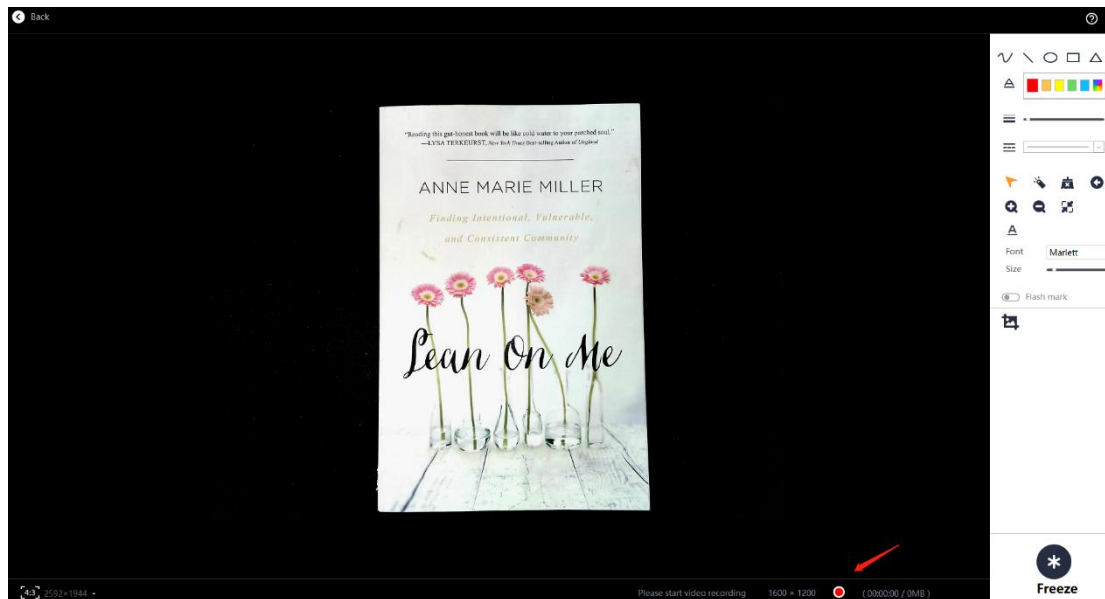
Tools like real-time markup, brush, rectangle tool, and text tool are available.



Screenshot tool is available.



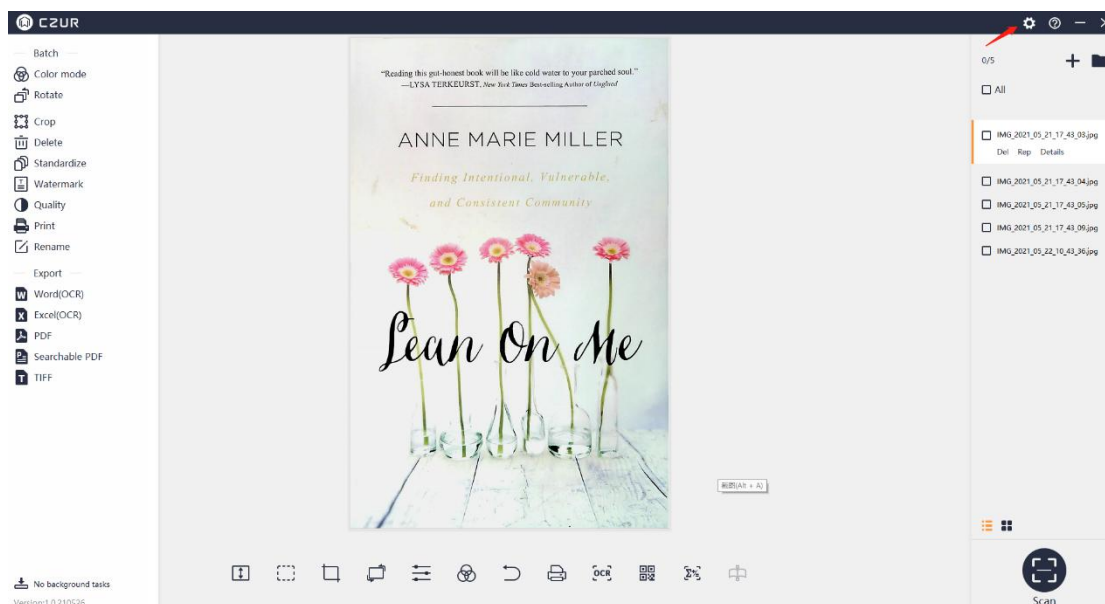
Video recording function is available.



3.5. Settings

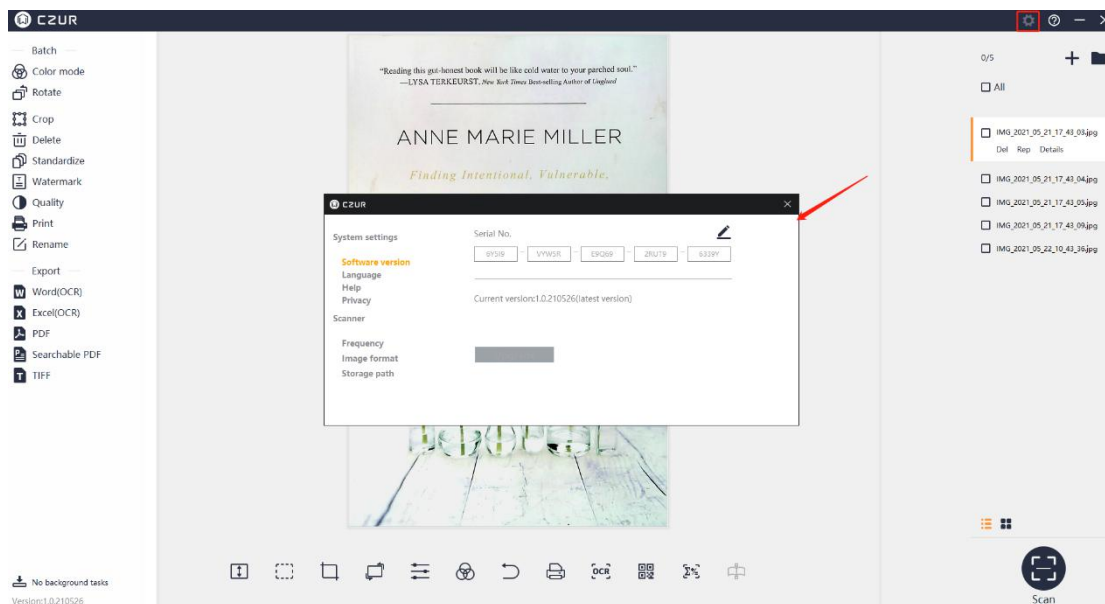
3.5.1 Settings

In the upper right corner of the main interface, you can click the setting icon, and a new window will pop up, displaying the System Settings and Scanner Settings.

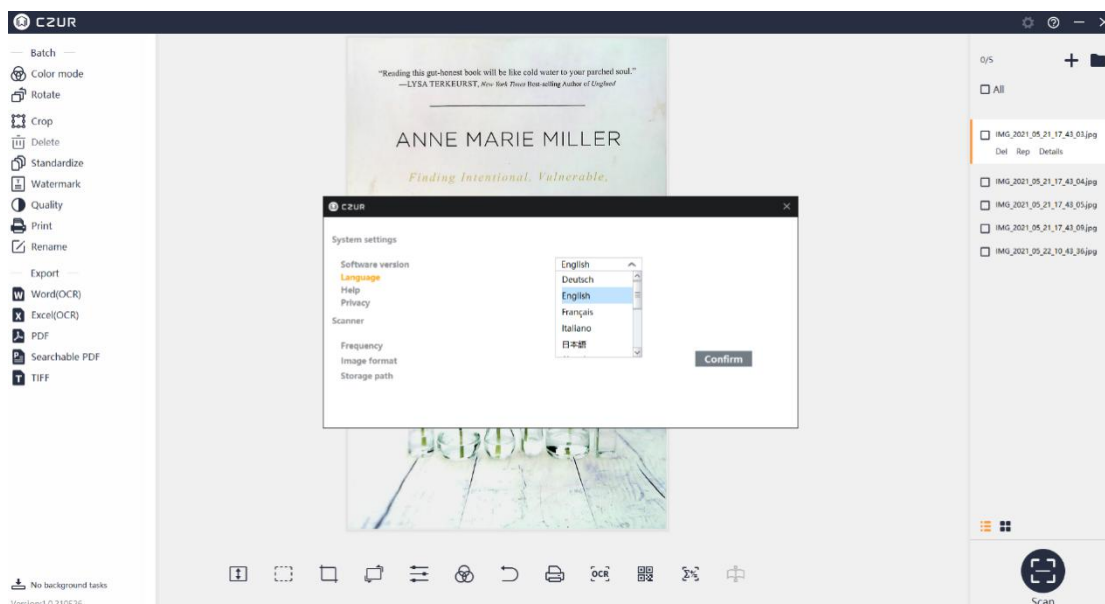


3.5.2 System Settings

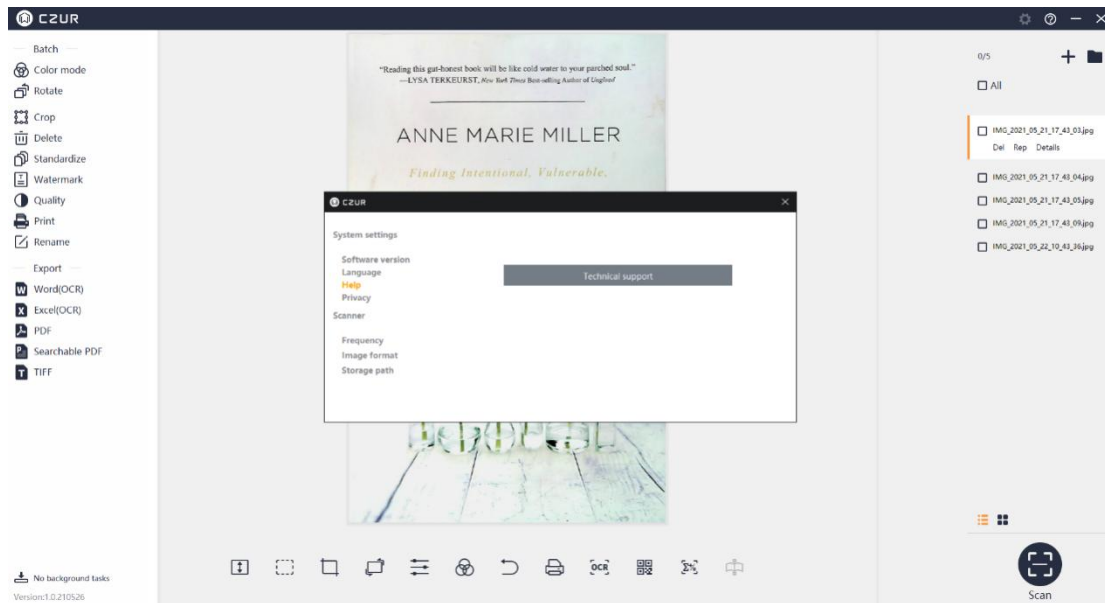
You can view the current software version in the System Settings. You can click it for online upgrade if there is a new software version.



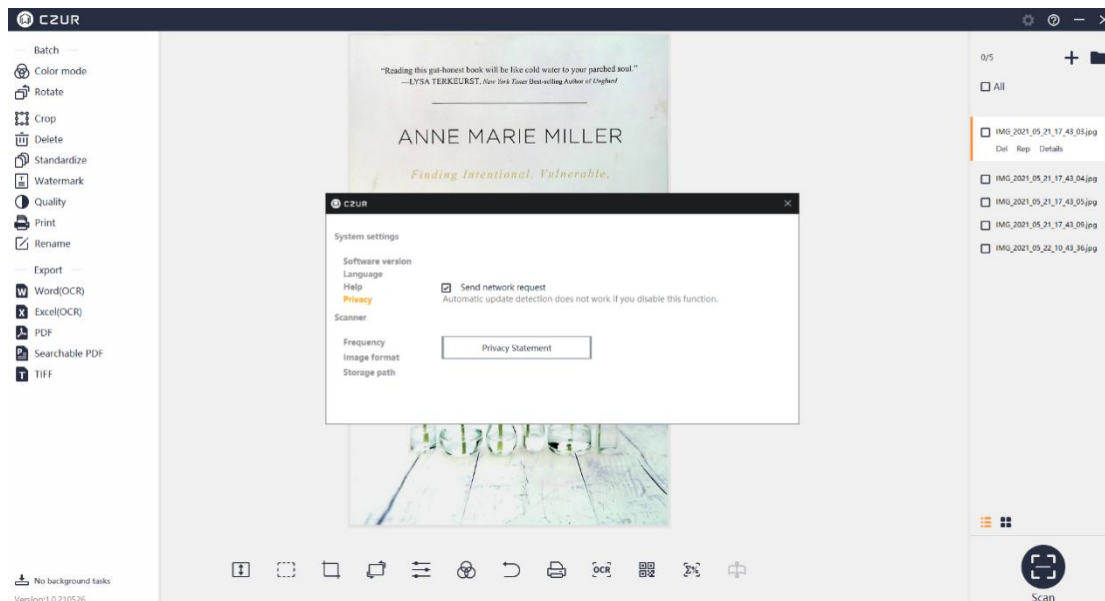
You can click **Language Settings** to select other language for the software from the drop-down list.



You can click **Help** to jump to the technical support page of CZUR official website.

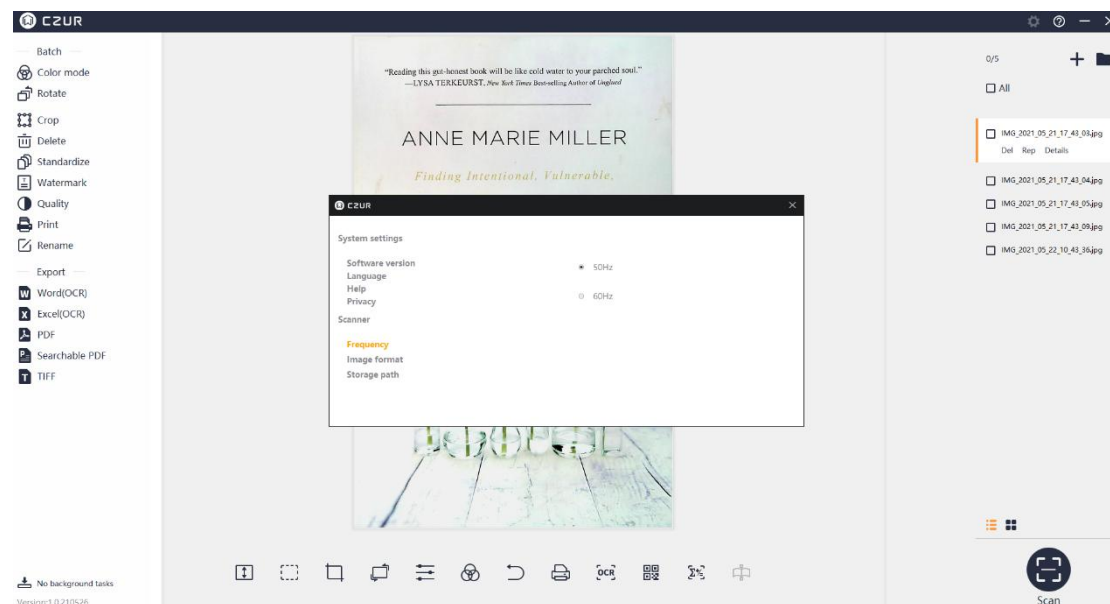


You can click **Privacy** to view the software privacy statement. You can uncheck **Send network request** to close all network requests sent by the software.

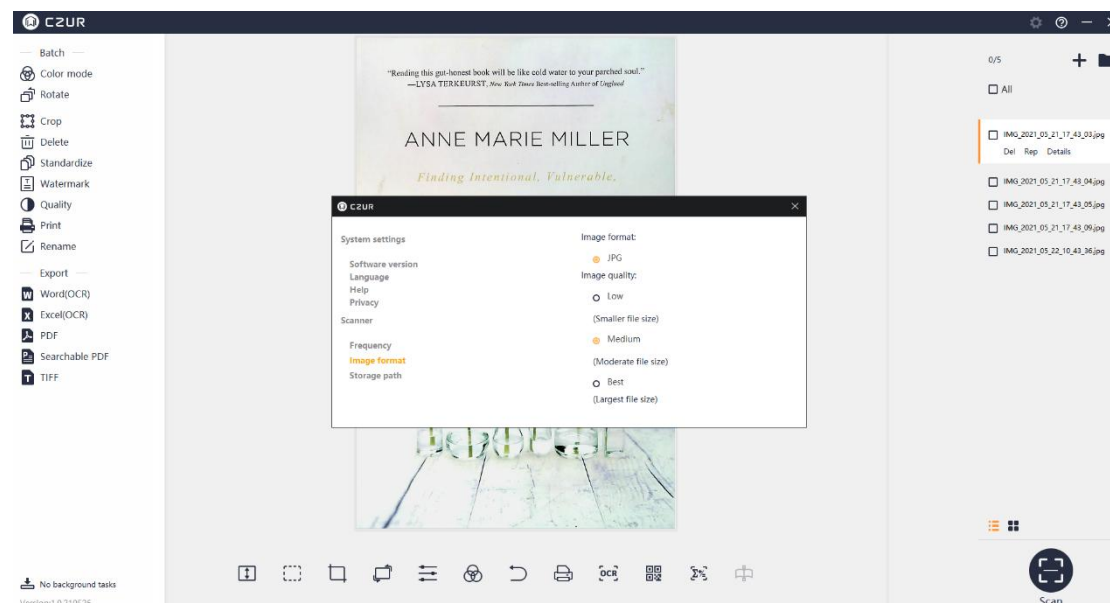


3.5.3 Scanner Settings

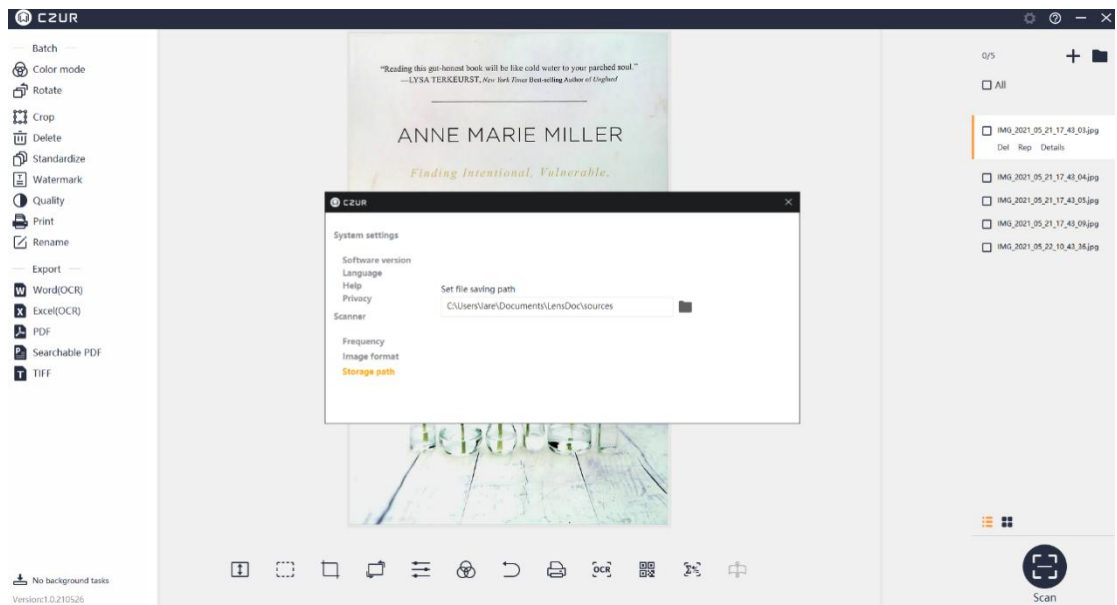
The scanner frequency options include 50 Hz and 60 Hz.



You can click **Image Format** to set the format and quality of images.



You can click **Save Path** to set the path for saving scanned images and recorded videos.



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