

Cimsun Scanner

User Manual

(V1.04)

Table of Contents

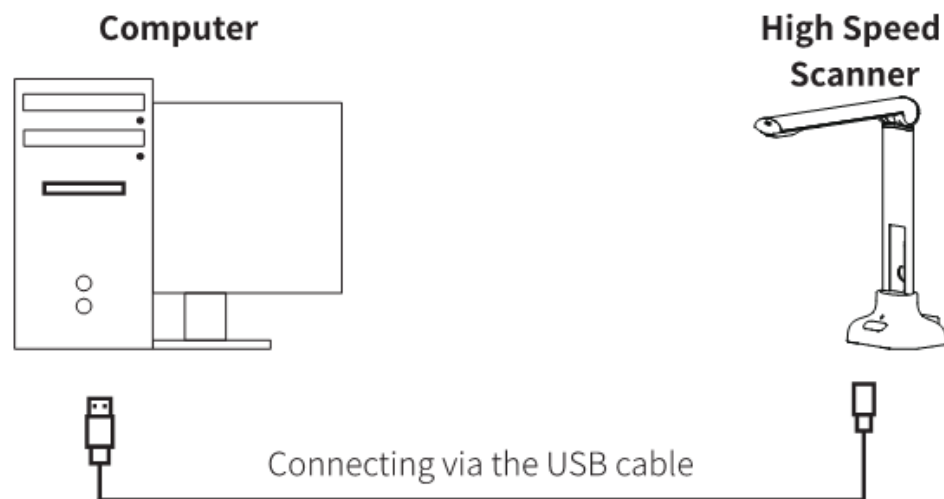
1. Product Installation	2
1.1 Hardware connection	2
1.2 Software installation	2
2. Software Features.....	3
2.1 Shooting.....	3
2.2 Timed burst	3
2.3 Smart burst	4
2.4 Switchover of primary and secondary cameras	4
2.5 Resolution setting	5
2.6 Image quality setting	5
2.7 File format setting	5
2.8 Image color mode setting	5
2.9 Cutting mode setting	5
2.10 Image processing	6
2.11 Video quality adjustment	6
2.12 Video operation	6
2.13 Secondary camera operation	6
2.14 Settings	7
2.15 Watermark setting	8
2.16 Instant printing	8
2.17 Document mode	8
2.18 Instant barcode recognition	8
2.19 Instant PDF	9
2.20 Multi-page PDF	9
2.21 Image combination	9
2.22 ID card recognition	10
2.23 Video recording	11
2.24 Editing	11
2.25 Right click menu of image list	11
3. FAQs	12

1. Product Installation

1.1 Hardware connection

The product is connected to a computer by using a universal serial bus (USB) port. We provide a USB cable with other accessories. Turn on your computer, connect one end of the USB cable to the USB port of the high-speed portable scanner (HSPS) and the other end to the USB port on the computer. After the connection, the system will find the new device automatically. Note: Please guarantee that the computer's USB port is normal and the version shall be USB 2.0, otherwise the device might not work well.

Please refer to the user manual of your computer if you cannot find a USB port on your computer.

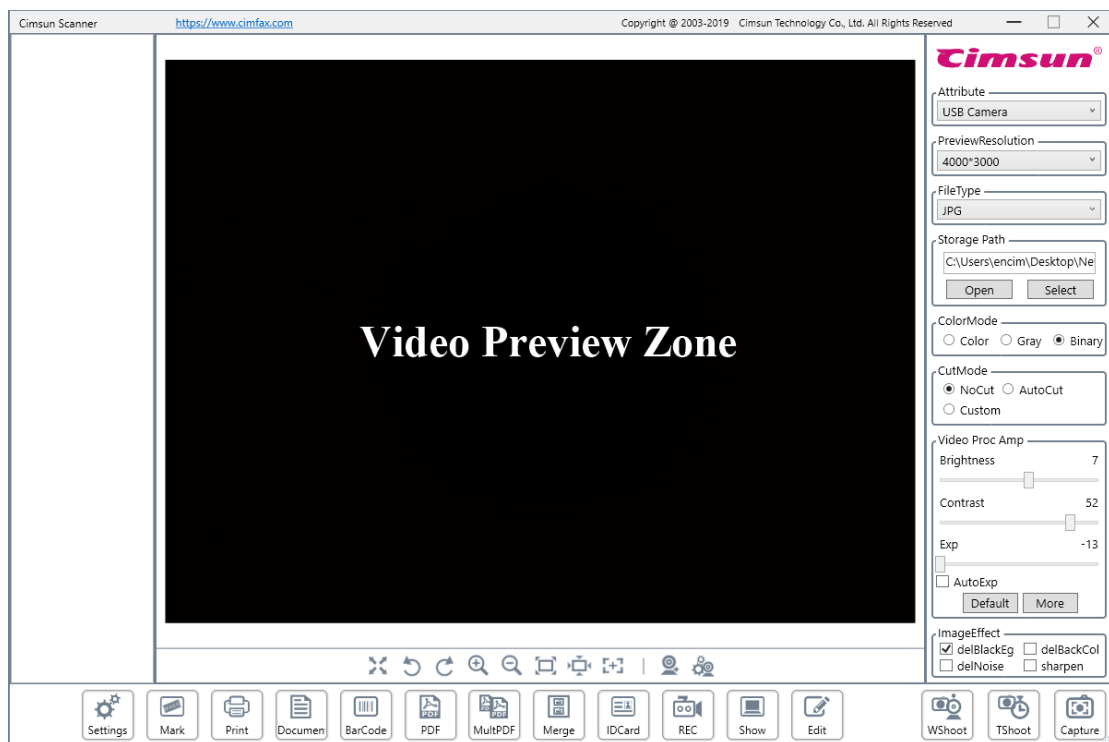


1.2 Software installation

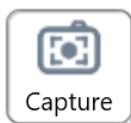
Run the exe software installation package. After the installation interface pops up, you can select a user-defined installation directory or the default installation path, create the desktop shortcut, and keep clicking "Next" as instructed until the installation is finished. In case any antivirus software asks whether the installation is allowed or stopped during the process, please select "allow the operation".

2. Software Features

After running the application program, you can preview the images collected by the camera in real time. The interface is as shown below:



2.1 Shooting

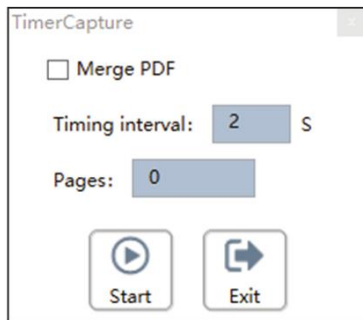


After the camera is turned on, photographing can be made by clicking the "Capture" button. You can view the images in the image list on the left panel of the software.

2.2 Timed burst



Click the "TShoot" button to call the dialog box as shown below:

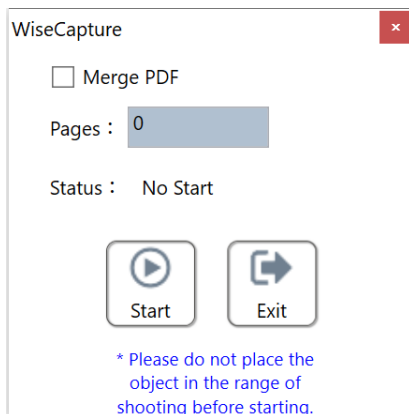


You may set the interval for timed shooting on the dialog box. Click the "Start" button for timed shooting and the number of images will be displayed in real time. If the option "Merge PDF" is checked, previous images will be combined into one PDF file after the timed burst stops.

2.3 Smart burst

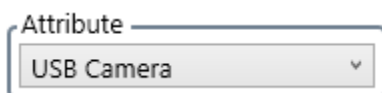


Smart burst is the feature of automatically detecting paper changes to finish shooting. Click the "WSshoot" button to bring up the dialog box as shown below:



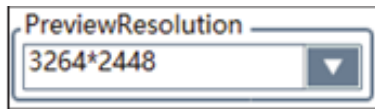
First, click the "Start" button. Then put your book or paper on the scanner. It will automatically detect paper changes and display the detection status, shooting status and show number of images in real time. If the option "Merge PDF" is checked, previous images will be combined into pdf file after the smart burst stops.

2.4 Switchover of primary and secondary cameras



If your HSPS has two cameras, you can select the primary camera in the "Attribute" drop-down box on the right panel and switch it to the secondary camera.

2.5 Resolution setting



In the "PreviewResolution" drop-down box on the right panel, you can see all the resolution options supported by the camera. Select one of them to finish the setting.

2.6 Image quality setting



The image quality setting is valid for JPG images only. Click the "Settings" button and make your setting on the JPG quality column in the dialog box. The higher the value is, the better the quality will be.

2.7 File format setting



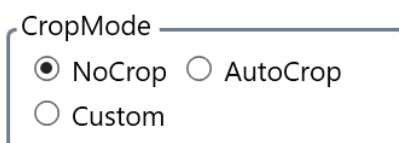
You can set file formats such as JPG, BMP, PNG, TIF and PDF in the "File Type" drop-down box on the right panel.

2.8 Image color mode setting



In the "ColorMode" column on the right panel, you can select the color mode for images. Currently, three color modes, color, gray, and binary, are available.

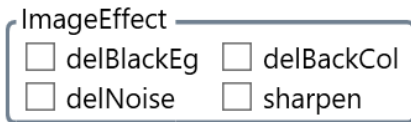
2.9 Cutting mode setting



In the "CutMode" column on the right panel, you can select one of three cutting modes, no cutting, automatic cutting and manual cutting. If the automatic cutting

mode is chosen, it will automatically look for edges and correct the image. If the manual cutting mode is chosen, you can make a user-defined shooting range by directly dragging and adjusting the range in the video preview zone.

2.10 Image processing

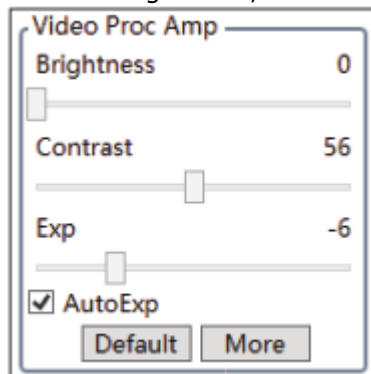


The software is equipped with features such as removing black edges, removing underpainting, removing noise, and sharpening processing.

The features of removing black edges and removing underpainting can make paper-based images cleaner and more natural, providing better printing effects without underpainting.

2.11 Video quality adjustment

You can adjust video quality and effects by setting the parameters such as camera brightness, contrast ratio, and exposure as shown below:



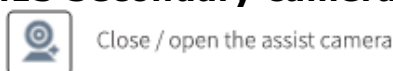
The default video parameters will be restored by clicking the "Default" button, while more video parameters can be set by clicking the "More" button.

2.12 Video operation

The operations such as video preview, full-screen display, levorotation, dextrorotation, zoom-in, zoom-out, 1:1 display, adaptive screen, and automatic focusing can be realized by operating the tool bar.



2.13 Secondary camera operation

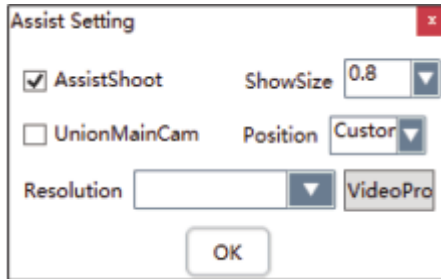


Close / open the assist camera



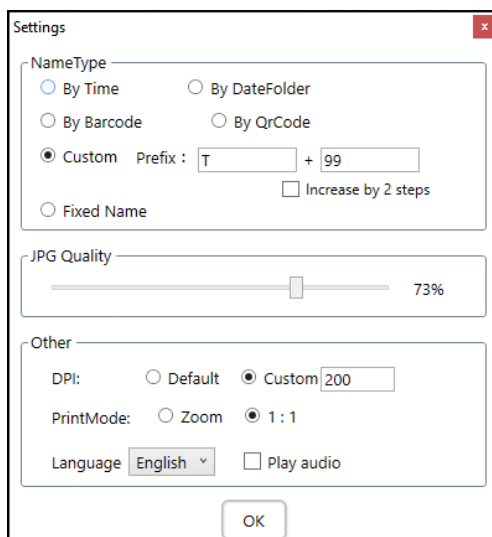
Set assist camera

Turn on the secondary camera to make the primary and secondary cameras display in the same screen. If it's necessary to perform other operations for the secondary camera, you can enter the secondary camera setting dialog box as shown below:



In the dialog box, you can select "AssistShoot", set the display size for the camera, switch its resolution ratio, and set the combined position for it and the primary camera.

2.14 Settings



This interface is for setting the name of image captured, by time, date folder, barcode, QR code, custom or fixed name.

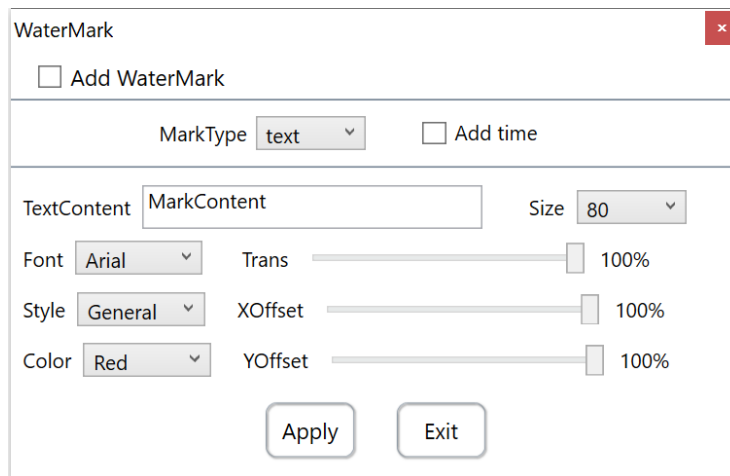
And you can adjust the image quality here by switching the button.

"Other" column is for DPI setting, printing mode setting, language setting, and capture sound setting.

2.15 Watermark setting



Click the "Mark" button, and the watermark setting dialog box will pop up. Please see below:



Check the option "Add WaterMark" to add relevant watermark information in the image. The watermarks are composed of two types, words and pictures. Finish the setting by choosing corresponding watermark.

2.16 Instant printing



You can directly finish shooting and use a printer for printing by clicking the "Print" button, which is easy and rapid.

2.17 Document mode



Capture the image at the document mode.

2.18 Instant barcode recognition



Click the "Barcode" button for direct barcode recognition, and name the image with the recognized barcode result.

2.19 Instant PDF

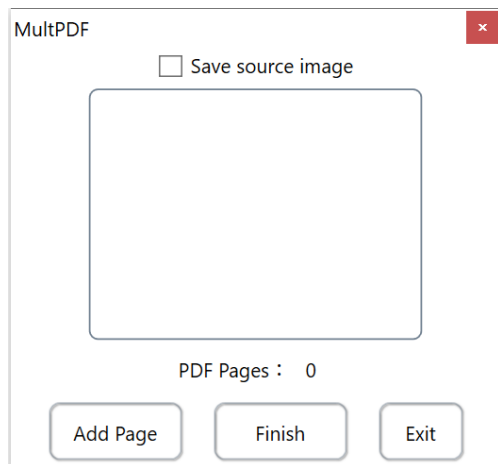


Click the "PDF" button to directly save the image as pdf file.

2.20 Multi-page PDF



Click the "MultPDF" button to call the multi-page pdf dialog box as shown below:

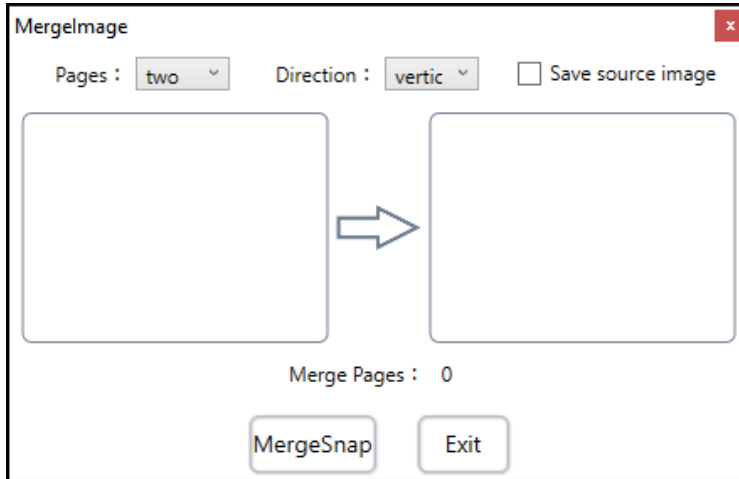


If the option "Save source image" is checked, each image added to pdf will be saved and displayed in the image list. Otherwise, only the combined PDF file will be saved while such image added to pdf will be deleted.

2.21 Image combination



Click the "Merge" button to bring up the dialog box as shown below:

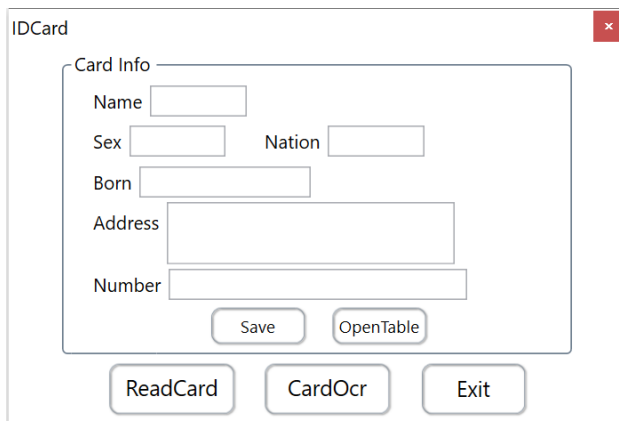


In the dialog box, you can set the number of combined pages and combination direction. If the option “Save source image” is checked, each image in the combination will be saved and displayed in the image list. Otherwise, only combined images will be saved.

2.22 ID card recognition



Click the “IDCard” button and the ID card dialog box will pop up as shown below:

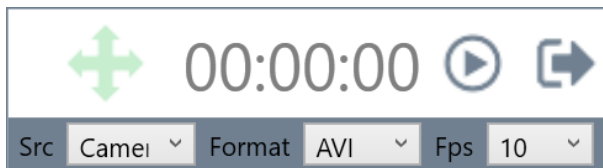


For any HSPS with an ID card reader (for Chinese), ID card information can be read by clicking the “ReadCard” button after putting it in the recognition zone. The ID card information read will be saved in a form, and you can click the “OpenTable” button to check relevant information. However, the feature “ID card recognition” does not need the above ID card reader. The words on an ID card can be directly recognized through OCR.

2.23 Video recording



Click the "REC" button to bring up the dialog box as shown below:



In the dialog box, you can choose the screen or camera as the source of images, set the format for video recording (AVI, WMV, and MP4), and set the frame rate for picture recording.

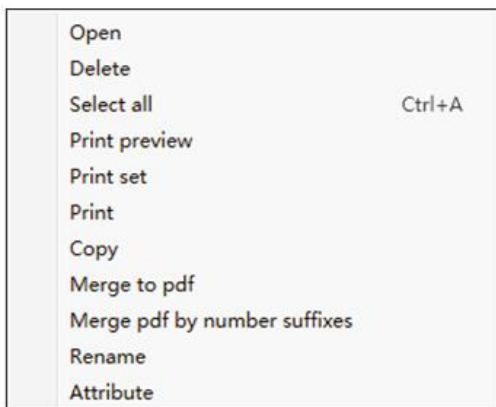
2.24 Editing



The feature is mainly used to perform post processing and production for ready-made images. Click the "Edit" button to operate the editing feature module.

2.25 Right click menu of image list

Right click the image list call the list menu as shown below:



You can click any feature on the menu after selecting relevant image in the list.

3. FAQs

a) Q: How to automatically crop better?

A: In order to have the best automatic crop effects, you'd better to make the background and subject have certain chromatic aberration. An original black manuscript base or black cushion is recommended for shooting any document.

b) Q: The device cannot be found?

A: 1. It's not connected. Please connect it.
2. It has been connected, but the problem remains. It is perhaps due to that it has been occupied by another process. You have to turn off other video software or USB port. Please use another USB port and restart the software if the problem remains.

c) Q: It's connected, but no imaging is made in the video preview zone.

A: 1. Try another USB port to connect the HSPS;
2. Try another USB cable to connect the HSPS and USB port;
3. Uninstall and remove the device to install the driver;

d) Q: What can I do if a yellow question mark or an exclamation mark appears in the image processing equipment of device manager?

A: It means that something is wrong with the system USB driver, and you have to update the driver.