



FS-01

Film Negative & Slide Scanner



User Manual

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I. Unpack Device



Film Scanner



Negative Film Holder



Slide Film Holder



CD-ROM



User Manual



USB cable



Clean brush

NOTE

- ✧ We strongly suggest using a clean, dry, non-alcohol cotton swab to insert into the film scanner slot and clean the glass surface periodically to produce a clear image.
- ✧ Make Sure all negative films, slide films and cover trays are free of dust and dirt before inserting into the device as this may affect the image quality when scanning.
- ✧ When cleaning films, please use a professional recommended purger from a photo store to avoid damaging old or precious films.

II. Install film into holder

Install the slide into holder:

1. Open the slide holder as illustrated



2. Put slide into positive slide slot



3. Close the film holder



Install the negative film into holder:

1. Open the film holder as illustrated



2. Install film into negative film slot



3. Close the film holder



NOTE

- ✧ To avoid mirror image, follow the serial numbers (from left to right) on top of film when install negative film into holder.



Figure 1

- ✧ If the image is upside down [see fig. 2] , the image can be corrected by continuously “Rotate” function in Image Scan Tool after capture [see fig. 3].

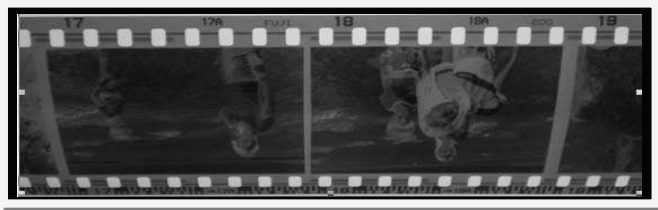


Figure 2

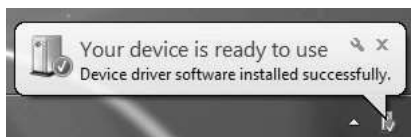


Figure 3

III. Device



Plug in USB cable to computer without installing any necessary driver. When the status icon on the left button corner shows information “Your device is ready to use”. The scanner is now ready to use. **Note:** *although the scanner is driverless, you still have to install the CD ROM so you can use the “Launch Image Scan Tool” application.*



IV. Install bundled software

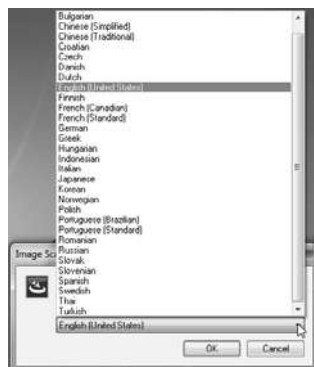
The package bundled with a friendly and easy to use PC and Mac software that has functions for capture, save, delete, mirror, rotate and exposure and color control.

Please follow the steps to complete the application installation for PC and Mac.

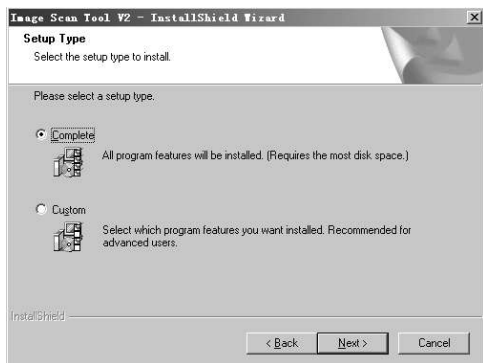
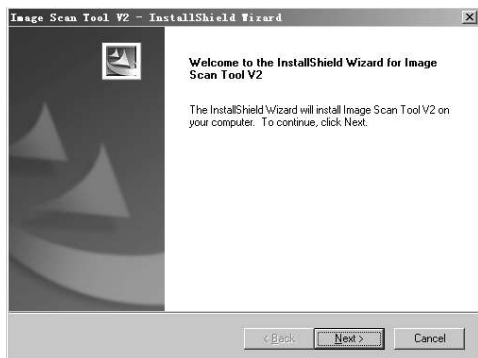
Note: This scanner is driverless. The CD is used to complete the application installation only.



PC:







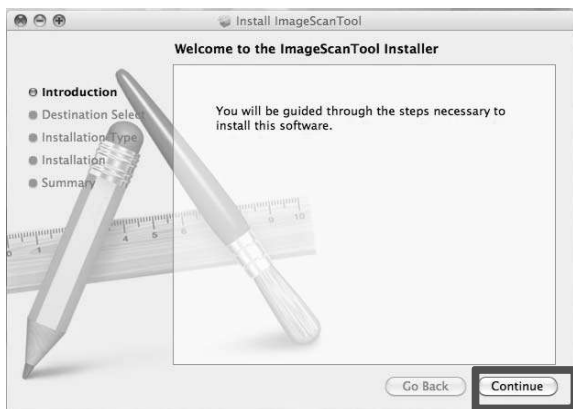


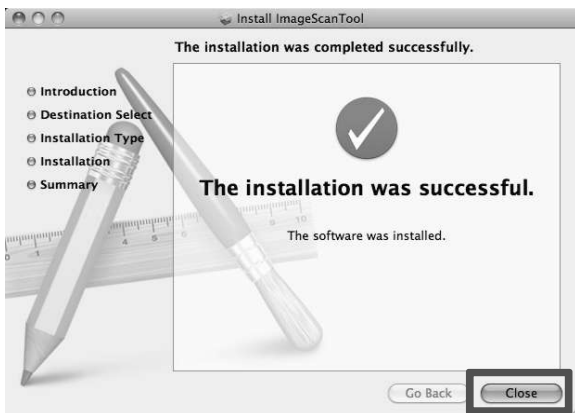
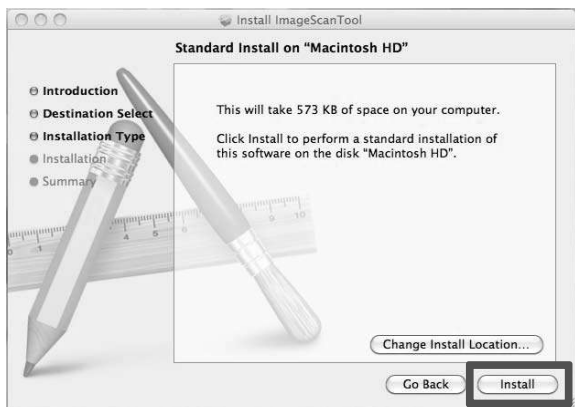
After completing the installation, the film-scanner is ready to use with "Image scanTool" under program files.

Remark: If you are using Win XP 64 or Vista 32/64, you may also need to run "Launch vcredist_x86.exe" as the Microsoft Visual C++ 2010 Redistributable Package is necessary for this installation. It is recommended (but not required) to restart your PC after installation or un-installation.

Mac:

01. Turn on Mac computer.
02. Insert the installation CD into the CD/DVD drive.
03. Copy “ImageScanTool.mpkg” into hard disk and double-click it.





V. Device

1. Put Film into film holder



2. Insert the holder into device

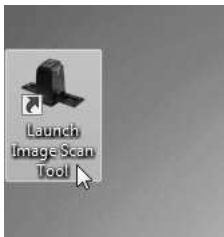


3. Make sure USB cable is connected to the device and PC/Mac



4. To launch the software:

PC: on Desktop, double-click on “Launch Image Scan Tool” icon.

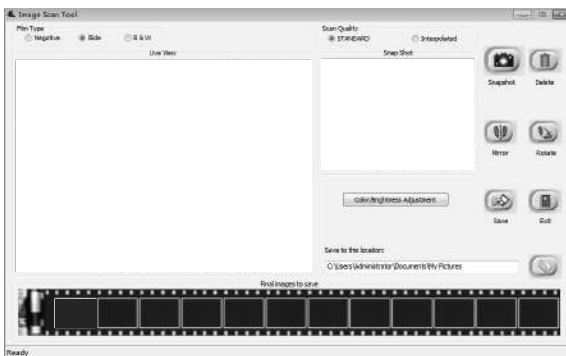


Mac: click on “Applications” folder at the Dock, double-click on “Image Scan Tool.app”.



5. Enter operation interface as below:

PC:



Mac:



6. Press "Copy" hard button to capture the image to store in thumbnail.



7. Click on function of mirror, rotate, color and brightness control to make image to prefer state.



8. Press Save to store captured images to hard disk. The images stored in thumbnail bar is cleared after save.



9. Retrieve saved images from the hard disk to further review and edit.



VI. Introduce user interface

First step is always to select the correct Film Type.

PC



Mac



Negative



Slide



B&W



User can either click on “Snapshot” icon or press the hard key “Copy” touch button to capture images. Captured images will be first stored in the thumbnail bar. Total of 12 thumbnail images are able to store in the bar.



PC



Mac



The image control, mirror, rotate, color and brightness in Image Scan Tool is preview instantly in Snap Shot window.

Press the “Mirror” icon to flip the Live View image to preview on the Snap Shot window.

PC



Mac



Or apply the Rotate function by pressing “Rotate” icon. The image will be rotating in 90 degrees clockwise on one single click, continue until the prefer position is set.

PC

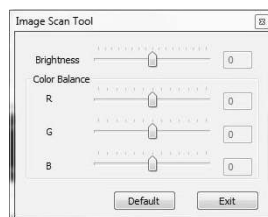


Mac



To manually adjust the image brightness and color level, click on “Color/Brightness Adjustment” icon. A pop up window containing Brightness bar and Color R, G, B bar will show up on screen and pulling the level bar to make adjustment.

PC



Mac



To delete a image, select the thumbnail image wish to delete and click on “Delete” icon.

PC



Mac



The stored images in thumbnail bar need to be saved to hard disk. The default directory is shown as below:

PC



Mac



Or user can save to a prefer hard disk location by pressing the directory icon. Another pop up window will show up to select the directory for saving images.

PC



Mac



Press “Save” icon to save images to hard disk. The thumbnail bar is cleared after save.

PC



Mac



When completed the capture, user can press “Exit” button to quit this Image Scan Tool.

Then, review captured images or process more fancy modification with bundle software for PC.

PC



Mac

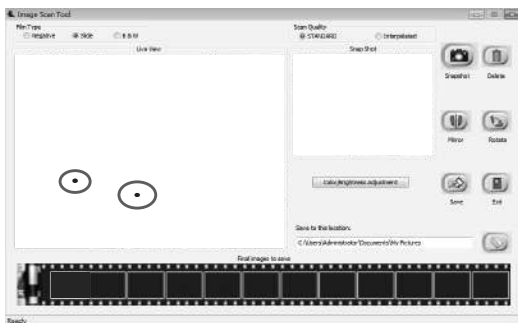


VII. Specifications

| | |
|---------------------|--|
| Image Sensor | 5 mega CMOS sensor |
| Lens | Precision TM glass element |
| Focus Range | Fixed focus |
| Exposure Control | Automatic, manual adjustment for enhancement |
| Color Balance | Automatic, manual adjustment for enhancement |
| Scan Quality | 1,800/3,600 dpi (SW Interpolation) |
| Data Conversion | 10 bits per color channel |
| Scan Method | Single pass |
| Light Source | Back light (3 white LEDs) |
| Interface | USB 2.0 |
| Power | USB port |
| Dimensions | 82x86x152mm |
| Weight | 0.37kg |
| System requirements | Windows XP/Vista/7/8/10(32/64-bit); Mac OS 10.7/10.8/10.9/10.10 |

Appendix. Clean Device

When viewing without the film holder on the film slot if found any dust dot on live view window, user is able to clean it by using the bundled clean brush to wipe the dust.



NOTE

- ✧ We strongly suggest using a clean, dry, non-alcohol cotton swab to clean the glass surface periodically to produce a clear image during operation.

Version 1.1 PC & Mac