plustek

Scanner User's Guide
OpticFilm 8300i

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Environmental Information

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Introduction

Welcome to the world of Plustek scanners – the ultimate in computer imaging. Your new scanner will improve the professionalism of your day-to-day computing tasks by allowing you to input images into your computer system.

Like all of our products, your new scanner is thoroughly tested and backed by our reputation for unsurpassed dependability and customer satisfaction.

Thank you for choosing us as your scanner supplier. We hope you will continue to turn to us for additional quality products as your computing needs and interests grow.

A Note about Icons

This guide uses the following icons to point out information that deserves special attention.

Danger	**Danger:** A procedure that must be followed carefully to prevent injury, or accidents.
Caution	**Caution:** Information that, if not followed, may result in data loss or damage to the product.
Attention	**Pay Special Attention:** Instructions that are important to remember and may prevent mistakes.

Safety Precautions

Before using this device, please read the following important information to eliminate or reduce any possibility of causing damage and personal injury.

1. Usage, the product is for indoor use in dry locations. Moisture condensation may occur inside this device and cause malfunction at these conditions:

    - when this device is moved directly from a cold to a warm location;

    - after a cold room is heated;

    - when this device is placed in a damp room.

    To avoid the moisture condensation, you are recommended to follow the procedure:

    i. Seal this device in a plastic bag for it to adapt to room conditions.

    ii. Wait for 1-2 hours before removing this device from the bag.

2. Do use the power adapter and USB cable provided with the scanner. Use of other power adapter and cables may lead to malfunction.

3. Keep the space around the AC adapter clear in case you need to quickly unplug the AC adapter during emergencies.

4. Damaged wire could cause fire or electrical shock. Keep the power cord straight and without being twisted, bended, or scraped.

5. Unplug this device if you don't need to use for a certain period of time, such as, during night or long weekend, to avoid any risks of causing fire.

6. Do not attempt to disassemble the scanner. There is danger of an electrical shock and opening your scanner will void your warranty.

7. Be sure not to bump or knock the scanner as it is fragile and could break.

8. Before installing the device drivers, please disconnect all other imaging devices (other scanners, printers, digital cameras, web cameras) from the PC.

9. Save the Setup/Application USB stick. You may need to reinstall the driver and software in the future.

10. Please make sure your hands are clean before handling slides and negatives. If there is dust on your film material, please clean it by blowing it off or wiping with non-abrasive cloth.

11. Please keep your slides and negatives in a cool, dry place out of direct sunlight. Handle with care as improper storage and handling can lead to deterioration and ultimately affect your scan results.

Maintenance

Caution	To keep your scanner working smoothly, take a moment to review the following maintenance tips.

- Avoid using the scanner in a dusty environment. When it is not in use, keep the scanner covered. Dust particles and other foreign objects may damage the unit.

- Do not attempt to disassemble the scanner. There is danger of an electrical shock and opening your scanner will void your warranty.

- Do not subject the scanner to excessive vibration. It may damage the internal components.

- Your scanner operates best in temperatures between 10° C to 40° C (50° F to 104° F).

Product Overview

Box Contents[1]
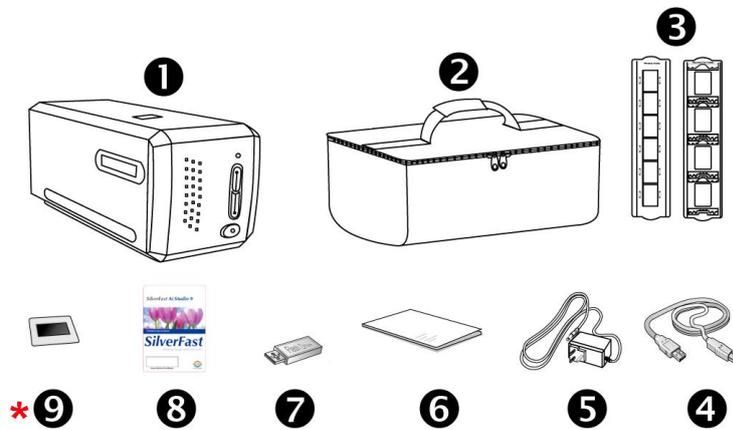
❶ Scanner

❷ Padded carrying bag

❸ Mounted Slide Holder and Filmstrip Holder

❹ USB Cable

❺ Power Adapter

❻ Quick Guide

❼ Setup / Application USB stick

❽ Activation card

* ❾ 35 mm IT-8 Target (35 mm IT-8 Target is not included in all scanner models)

Attention	You may find the scanner hardware serial number on the activation card, please keep the card in a safe place.

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[1] Save the box and packing materials in case you need to transport this scanner in the future.

Box contents may change at any time without prior notice.

Scanner Overview
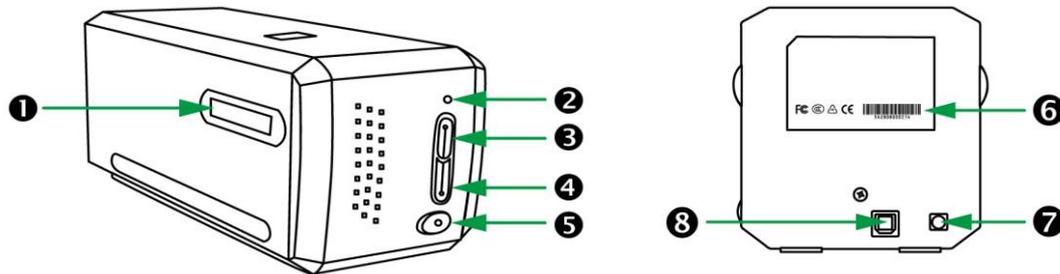
❶ **Film Holder Slot:** Insert the film holder into the scanner through dust cover. The film holder can be inserted from either side. The film holder will index at each frame using the notches on its side rails.

❷ **Power LED**: It indicates the scanner status.

Light	Status
On	The scanner is turned on, ready to scan images.
Off	The scanner is off, either because the power is not turned on, or because the power cord is not properly plugged into an AC power outlet.

❸ **IntelliScan Button**: You may press the button to launch the SilverFast application.

❹ **QuickScan Button**: You may press the button to launch the QuickScan Plus application.

❺ **Power Button**: Use this to turn the scanner ON or OFF.

❻ **Serial Number Sticker**: Located at the rear of the scanner.

❼ **Power Receptor**

❽ **USB Port**

Attention	You will need the 15 digits **Serial Number** for SilverFast software activation. You will also need it when you contact your dealer or our service center in the future.

Before Installing the Scanner

Connecting the Scanner to Your Computer
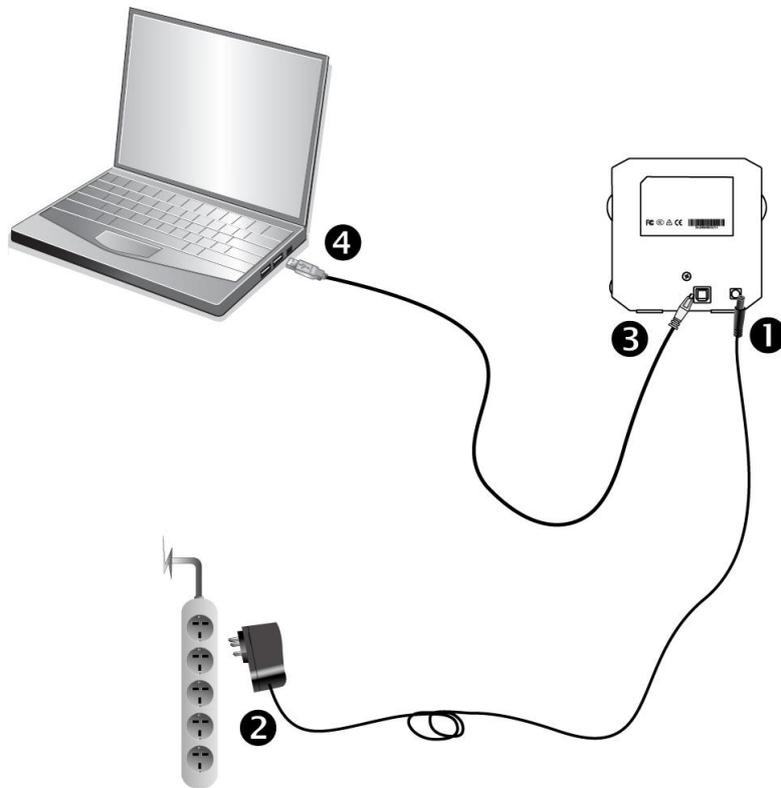
❶ Plug the power adapter into the scanner's power receptor.

❷ Plug the other end of the power adapter into a standard AC power outlet.

❸ Plug the square end of the included USB cable to the USB port at the rear of the scanner.

❹ Plug the rectangular end of the USB cable to the USB port on the back of your computer.

Note: If there is another USB device connected to the computer, connect the scanner to an available USB port.

Attention	Please DO NOT power on the scanner now.

Installing the Scanner

Please follow the step-by-step procedures described below to install the USB scanner.

*You may find the latest driver on our official website www.plustek.com -> Support & Download -> Drivers and Downloads

- Installing Scanner Driver
- Power on the Scanner

Installing Scanner Driver

1. Insert the Setup / Application USB stick into your computer.
2. Install the scanner driver by the following path:
   Mac OS X: **OPTICFILM** ＞ **Mac** ＞ **Plustek OpticFilm 8300i** ＞ **Setup.dmg**
   Windows OS: **OPTICFILM** ＞ **Windows** ＞ **Plustek OpticFilm 8300i** ＞ **Setup.exe**
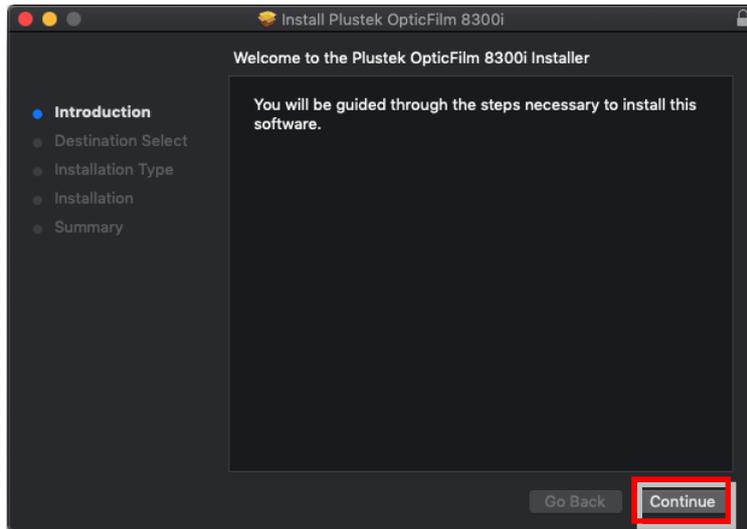
3. Follow the on-screen instructions to complete the installation.
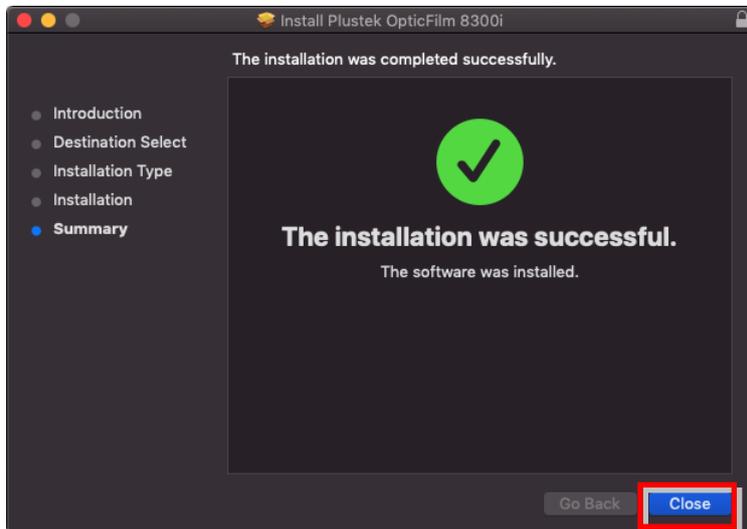
Attention	You may download the latest version driver from our official website plustek.com/of8300i.

Power on the Scanner

Press the Power button to turn the scanner ON.
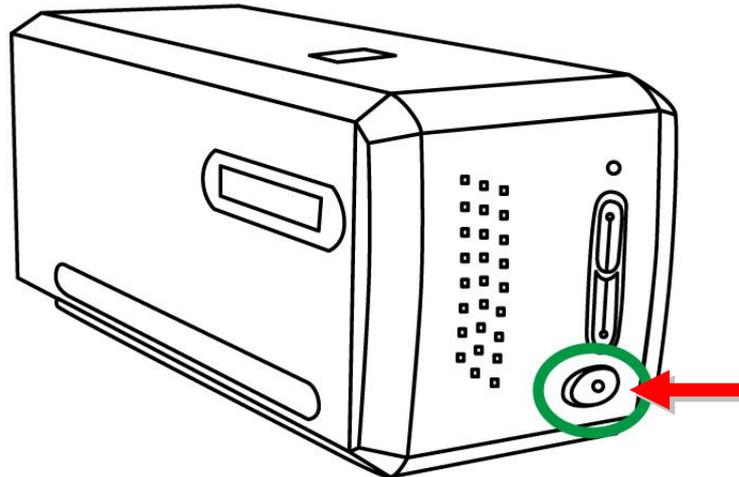
Attention	Press the Power button again to turn the scanner OFF.

Film Holders

Two film holders are included in the package. They guarantee correct scanning results.

A

B
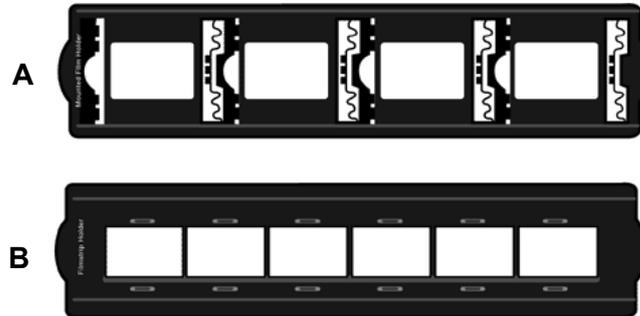
A. For scanning 35mm mounted slides (max. 4 slides)

B. For scanning 35mm filmstrips (max. 6 frames)

- Using Mounted Slide Holder
- Using filmstrip holder
- Insert the Film Holder

Mounted Slide Holder

Insert mounted slides into slots with emulsion (non-glossy) side down.

There are arrows and illustrations on the frame of each slot. Please follow illustrations to insert mounted slides.
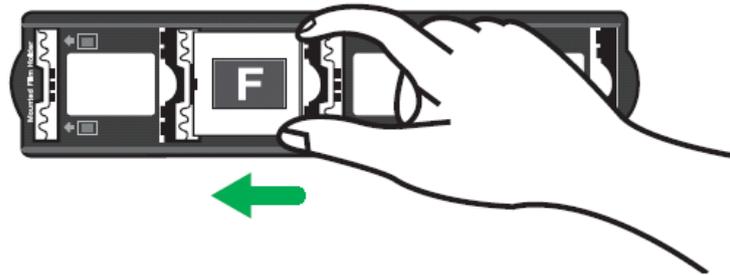
Using filmstrip holder

Place filmstrip in the film holder with emulsion (non-glossy) side down, then snap the film holder cover closed.
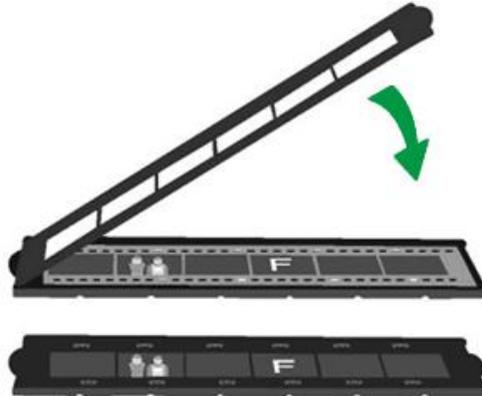
Attention	• For correct scan results, always turn the film with the top of the image facing towards the back of the scanner (where power cord and USB cord are located) and keep emulsion (non-glossy) side down. • There is text on the top and bottom of the film, such as manufacturer, frame numbers, film codes, batch numbers...etc. With the film oriented correctly as described above, this text should be read clearly (i.e., not backwards or up-side-down).
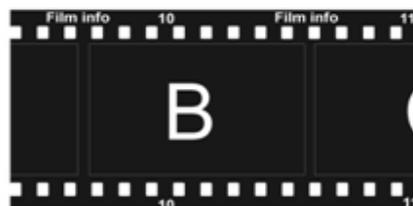
Insert the Film Holder

Insert the film holder into the scanner through dust cover. The film holder can be inserted from either side. The film holder will index at each frame using the notches on its side rails.

Please allow about 40 cm of space on both sides of the scanner to insert and remove the film holder.
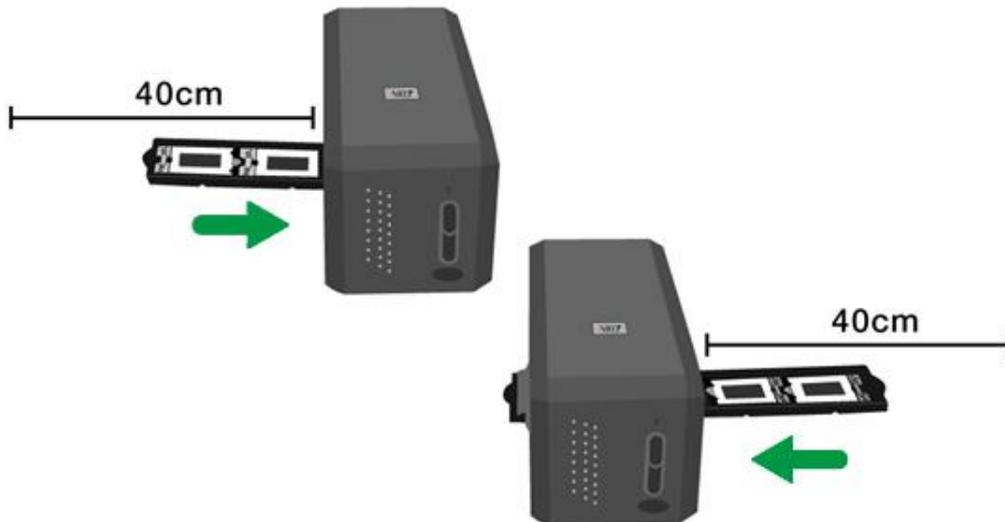
Attention	• You can feel the film holder stop in its index position. However, before performing scan, please gently push and pull the film holder to make sure the film holder is in correct position. • On up side of the film holder you can see 'Mounted Slide Holder' or 'Filmstrip Holder'. Always keep this side up for correct scan results. • The film holder should be able to be inserted in to the scanner smoothly. Do not push the film holder hard.

Scan with QuickScan Plus Application

Launch QuickScan Plus using the QuickScan Plus shortcut on your Desktop. Adjust the scan settings. Please refer to the QuickScan Plus on-line help for more information about available scan settings.

Mac OS X

Windows OS

The Main Screen
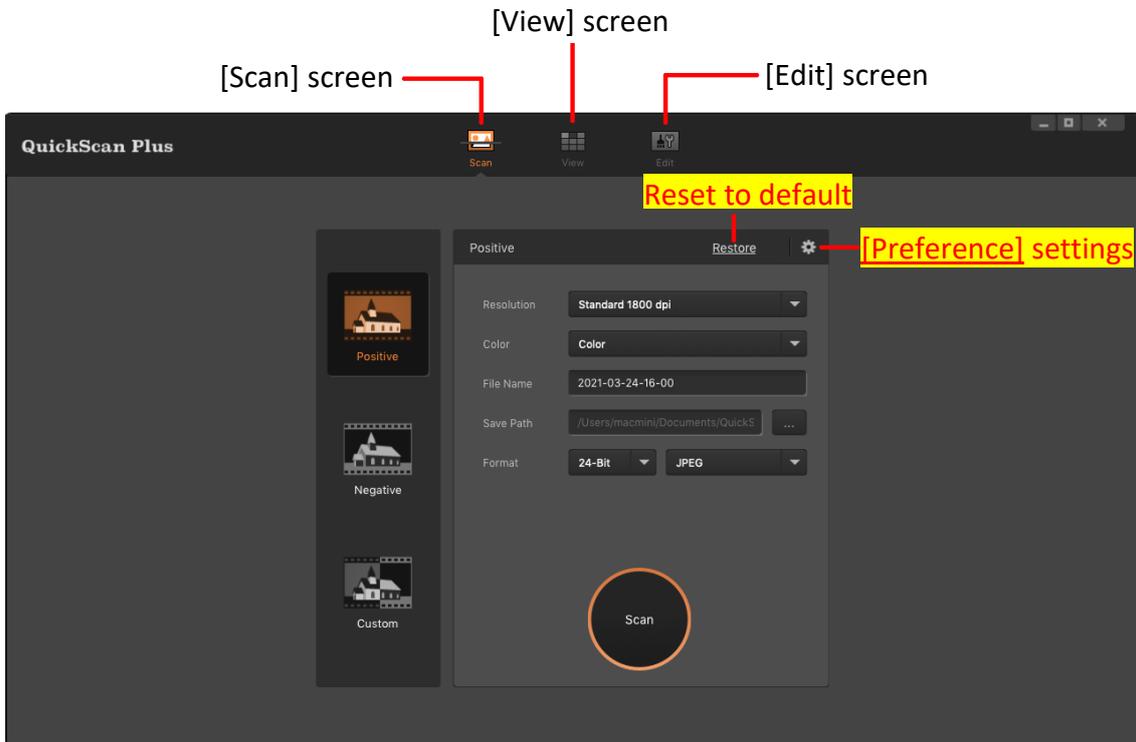
The user interface contains the following components:

- The [Scan] screen: The [**Scan**] screen is where you set your scanning parameters.

- The [View] screen: The [**View**] screen is where you select one or multiple images to edit, share or delete.

- The [Edit] screen: The [**Edit**] screen is where you can apply various filter effects and make more detailed adjustments to your images.

The [Scan] Screen
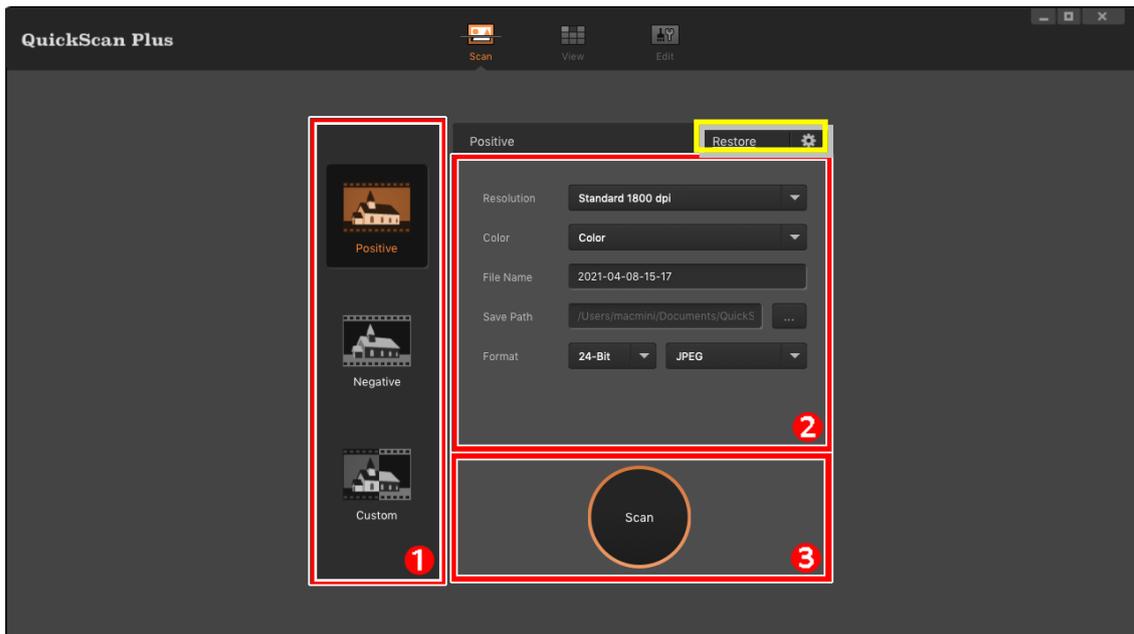
The [**Scan**] screen is where you set your scanning parameters. These scanning parameters will also be used when you initiate a scan using the physical button on your scanner.

❶ Scan mode

Selected by clicking on the respective button on the left side, you can choose between [**Positive**], [**Negative**] and [**Custom**]. Basically this allows you to create 3 scan profiles; one for positives, one for negatives and one for either positives or negatives.

<table>
<tr>
<td>**Attention**</td>
<td>You may click [**Restore**] button to reset all settings to default.
Click on ⚙ button to access online help and adjust **Preference** settings.</td>
</tr>
</table>

❷ Scan settings

- [**Resolution**]: Select a desired resolution from the drop-down list. The higher the resolution, the more detailed the scan and the resulting file will be.

Resolution	Windows & Mac
7200 dpi	Approx. 9000 x 6200 dots
3600 dpi	Approx. 4500 x 3100 dots
2400 dpi	Approx. 3000 x 2000 dots
1800 dpi	Approx. 2250 x 1500 dots
1200 dpi	Approx. 1500 x 1000 dots
600 dpi	Approx. 750 x 500 dots

- [**Color**]: Select a desired color mode from the drop-down list.

- [**File name**]: Enter the desired file name into the field. The default uses your computer's date and time.

- [**Save path**]: Click on the [**Browse**] button ⬛ and use the dialog to select the folder where you wish to store your scanned images.

  The default saving path:

  Mac OS X: **Users** > **UserName** > **Document** > **QuickScanPlus_Doc**.

  Windows OS: **Users** > **Public** > **Pictures** > **Plustek Photo**.

- [**Format**]: Select the desired bit rate and file format you wish to use from the drop-down lists. The higher the bit rate, the more detailed the scan and the larger the resulting file will be. Available format options are: **JPEG**, **TIFF**, **PNG**, **Windows Bitmap**.
  *If you select 48-bit, the output format can only be **TIFF**.

- [**Film**] (Custom mode only): Select the desired film type from the drop-down list.

❸ **Scan button**

Insert your film tray and click on the [**Scan**] button when you are ready to scan.

The [View] Screen

After the scan is completed, the [**View**] screen will be shown. You may click [
Scan] button to scan more images.
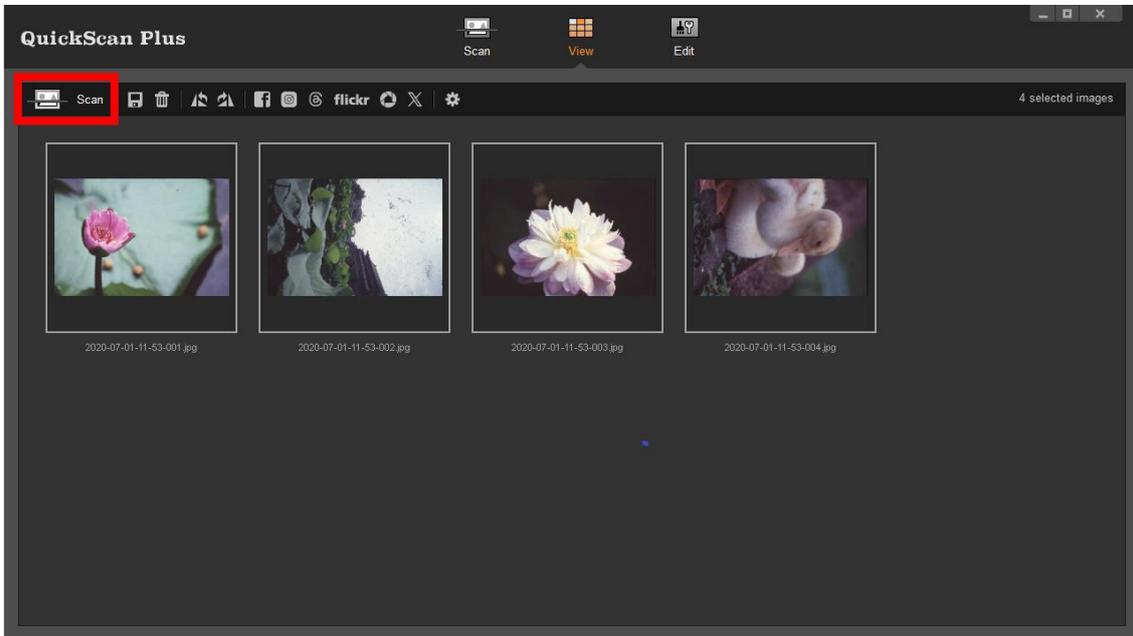
Attention	You may select one or multiple images to delete, rotate or share at the same time. Selected images will be highlighted with a gray rectangle around the images. Simply click an image to remove a picture from your selection.

Click on the [**Save**] button, your images are already saved and can be found in the folder you set under [**Save path**] on the [**Scan**] screen.

Other function buttons on the toolbar are as following:

- **Delete**: Click on this button to delete the selected images.

- **Rotate counterclockwise**: Click on this button to rotate the selected images in a counterclockwise direction.
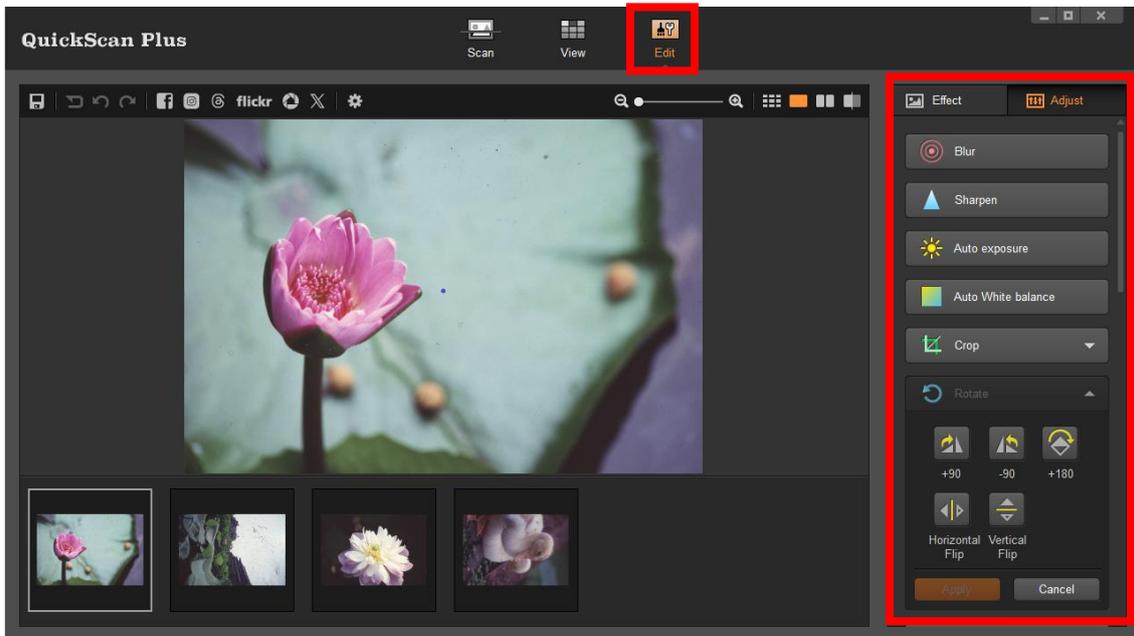
- **Rotate clockwise**: Click on this button to rotate the selected images in a clockwise direction.

- **Share to Facebook**: Click this button to open the Facebook website and proceed with login or access.

- **Share to Instagram**: Click this button to open the Instagram website and proceed with login or access.

- **Share to Threads**: Click this button to open the Threads website and proceed with login or access.

- **Share to flickr**: Click this button to open the flickr website and proceed with login or access.

- **Share to Google Drive**: Click this button to open the Google Drive website and proceed with login or access.

- **Share to X**: Click this button to open the X website and proceed with login or access.

- **Help & Tools**: Click on this button to open a context menu with the following items:

  o [**Help**]: Select this item to launch the on-line help file.

  o [**Preference**]: Select this item to open the [**Preference**] dialog.

  o [**About**]: Select this item to open the program information dialog.

The [Edit] Screen

The **Edit** screen is where you can apply various filter effects and make more detailed adjustments to your images.

Click on the [**Edit**] button above the frames to switch to the [**Edit**] screen to apply various filter effects and make more detailed adjustments to your images.

Function buttons on the toolbar are as following:

- **Save**: Click on this button to save any changes you have made to the selected images.

- **Reset**: Click on this button to reset the selected image to their original state.

- **Undo**: Click on this button to undo the last effect or adjustment.

- **Redo**: Click on this button to redo the last effect or adjustment.

- **Share to Facebook**: Click this button to open the Facebook website and proceed with login or access.

- **Share to Instagram**: Click this button to open the Instagram website and proceed with login or access.

- **Share to Threads**: Click this button to open the Threads website and proceed with login or access.

- **Share to flickr**: Click this button to open the flickr website and proceed with login or access.

- **Share to Google Drive**: Click this button to open the Google Drive website and proceed with login or access.

- **Share to X**: Click this button to open the X website and proceed with login or access.

- **Help & Tools**: Click on this button to open a context menu with the following items:

  o [**Help**]: Select this item to launch the on-line help file.

  o [**Preference**]: Select this item to open the [**Preference**] dialog.

  o [**About**]: Select this item to open the program information dialog.

- **Zoom out**: Click this button to zoom out of the currently selected image. You can also use mouse wheel down to perform the same action.

- **Zoom in**: Click this button to zoom in on the currently selected image. You can also use mouse wheel up to perform the same action.

- **Edit multiple**: Click on this button to switch to the multi-view mode.

- **Edit single**: Click on this button to switch to the single-view mode.

- **Dual-view**: Click on this button to switch to the dual-view mode.

- **Midline**: Click on this button to switch to the midline-view mode.

[Preference] Settings

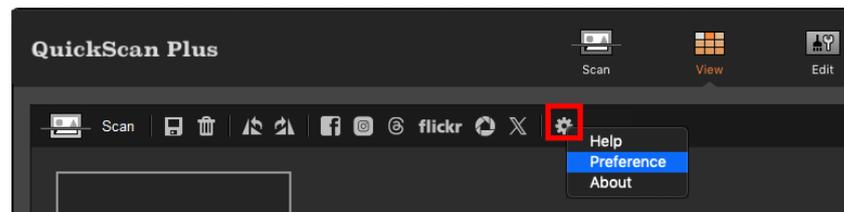Click on ⚙ button and select [**Preference**] to open the [**Preference**] settings dialog.
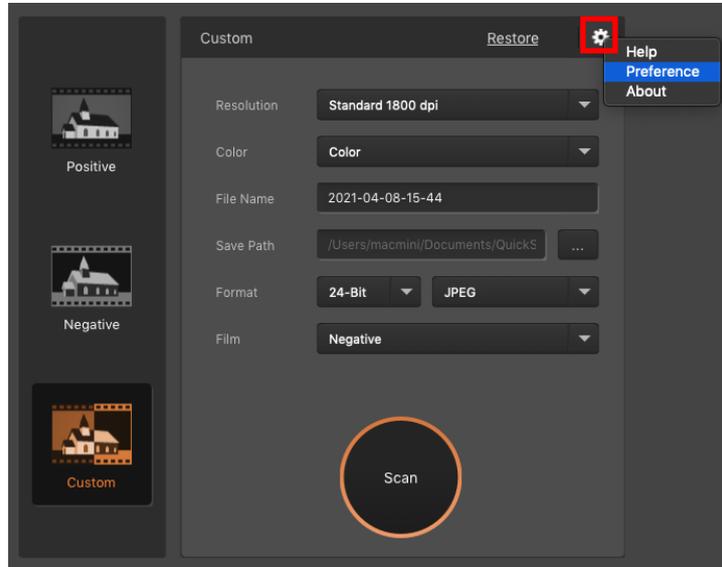
Attention	You may also find this ⚙ button on [**View**] screen and [**Edit**] screen. [**View**] screen [**Edit**] screen
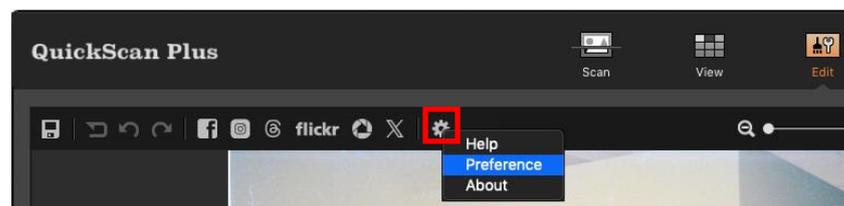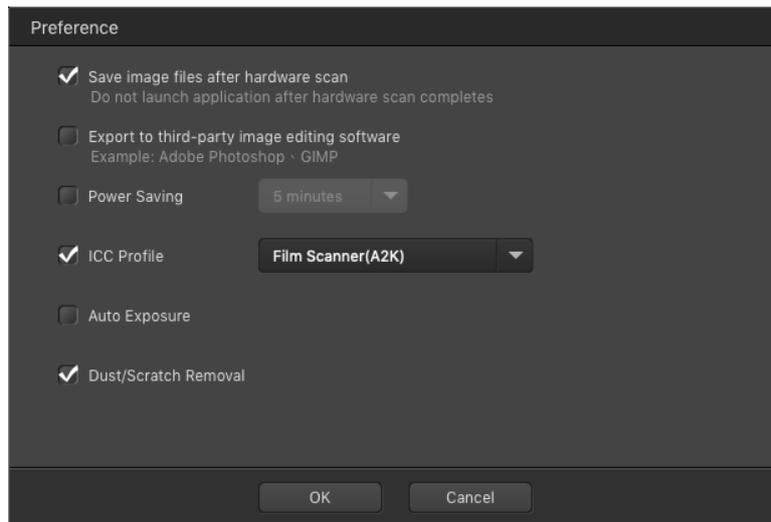
- [**Save image files after hardware scan**]: Activate this checkbox, you may press [**QuickScan**] button on the scanner panel to perform [**Custom**] scan directly. Please adjust [**Custom**] mode scan settings, especially the [**Film**] type setting before scanning.

- [**Export to third-party image editing software**]: Activate this checkbox to export the scanned images to third-party image editing software for further editing. The scanned images will be opened directly on third-party image editing software.

  Note: The negative film scanned images will be exported to third-party image editing software without any image processing.

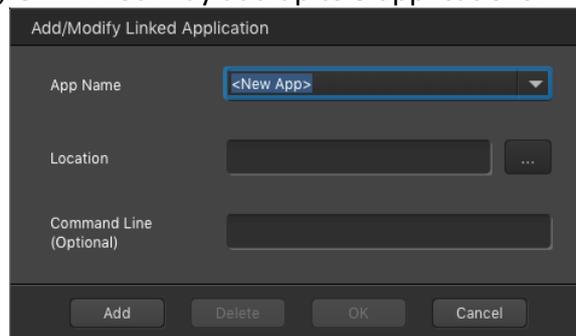|	
Attention	If you activate this checkbox, the main window will appear as following: Click the [...] button to add desired applications, for example: Photoshop, GIMP. You may add up to 5 applications. • [**App Name**]: Enter the application name. • [**App Location**]: Click on the [...] button to browse to the desired program folder and select the executable file (*.exe) of the desired application. • [**Command Line (Optional)**]: It is recommended that you leave this field blank if you will not use or are unsure of the command line.
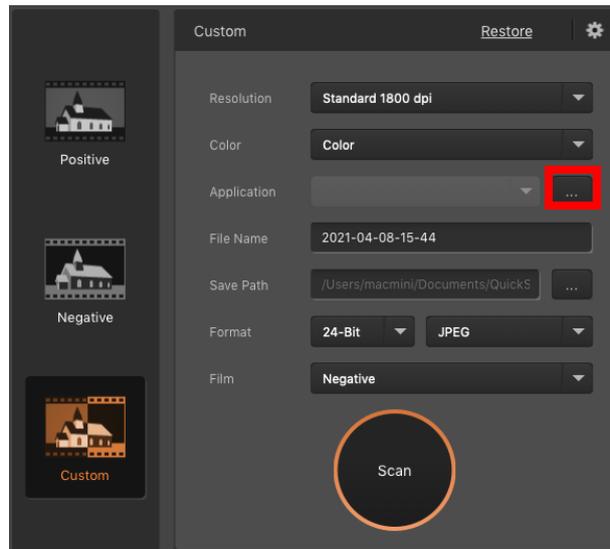
- [**Power Saving**]: Activate this checkbox and select a value from the drop-down list to set when the scanner will enter power saving mode. Simply press on any of the scanner 's physical buttons to wake it.

- [**ICC Profile**]**:** Activate this checkbox and select a profile from the drop-down list to set device output color standard.

- [**Auto Exposure**]**:** Activate this checkbox to perform auto exposure.

- [**Dust/Scratch Removal**]**:** Activate this checkbox to remove scratch/dust. This function is only for the infrared built-in model.

SilverFast Software

Your scanner comes with the advanced and feature rich scanning application SilverFast, it's an optional bundled software for you to install on your system. You may get familiar first with your OF 8300i, then choose to install the SilverFast software.

Attention	• It takes about 10 mins to install SilverFast software. • You have to create and login with a MySilverFast account. • Please make sure there is internet connection while you're installing SilverFast software.

- Request for SilverFast License

- Installing SilverFast Software

- Scan with the SilverFast application

Request for SilverFast License

1. Visit the website **www.silverfast.com/activation-plustek** and follow the instructions. You will need your scanner 15-digit hardware serial number.

*The webpage content may subject to change without prior notifications.

❶ Select your scanner model.

❷ Enter the scanner serial number.

❸ Click the [**Check**] button.

2. Enter the necessary information to create a MySilverFast account. You have to login to the SilverFast software with this MySilverFast account later.

*The webpage content may subject to change without prior notifications.

3. If the registration is completed, you will receive an email to inform you that the license has already been added to your MySilverFast account.

Installing SilverFast Software

You can install SilverFast from your MySilverFast portal (page 30) or from USB stick:

1. Insert the Setup / Application USB stick into your computer.
2. Install the **SilverFast** software by the following path:
   Mac OS X: **OPTICFILM** > **Mac** > **SilverFast** > **SF-Installer.dmg**
   Windows OS: **OPTICFILM** > **Windows** > **SilverFast** > **SF-Installer.exe**
3. Follow the on-screen instructions.

4. After the installation finishes, click on [Done] to exit the installer.
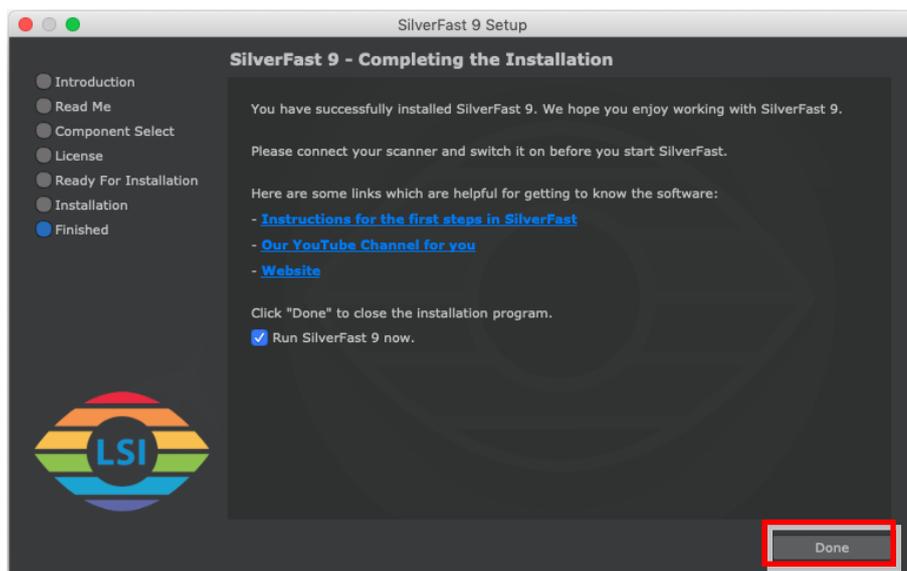
Attention	You may download the SilverFast software from your MySilverFast account. 1. Log in to your **MySilverFast portal** and click [**Manage licenses**] 2. Click [**Download**] button to download the SilverFast software. 3. When the download is completed, run the installer and follow the on-screen instructions. After the installation finishes, click on [Done] to exit the installer.
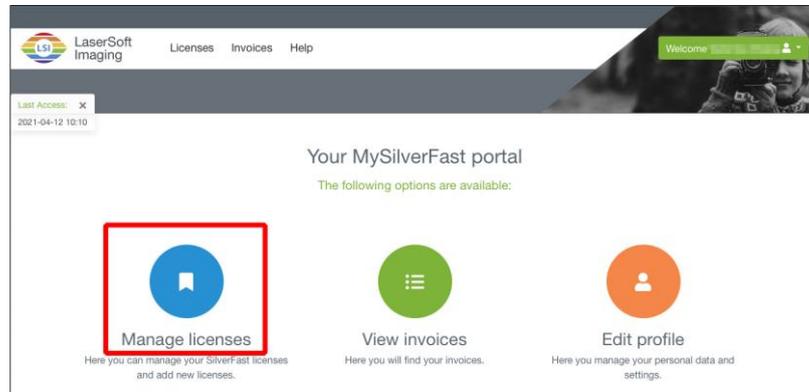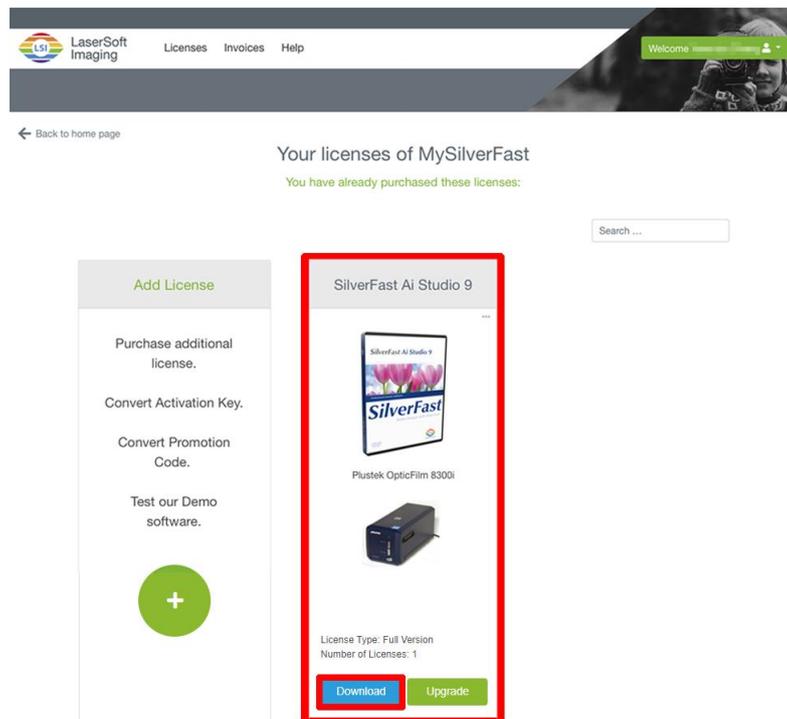
Scan with the SilverFast application

Launch the SilverFast launcher using the SilverFast shortcut on the Desktop. Login to the SilverFast software with your MySilverFast account, then click on [**Start**] to launch the program.

Attention	Please make sure there is internet connection while login to the SilverFast software.
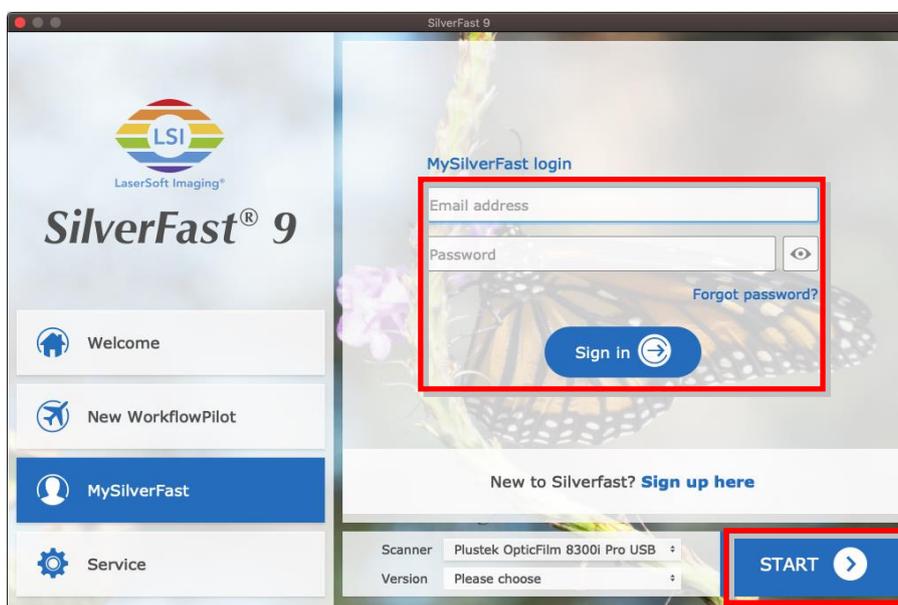
Adjust the scan settings. Please refer to the SilverFast manual for more information about available scan settings.
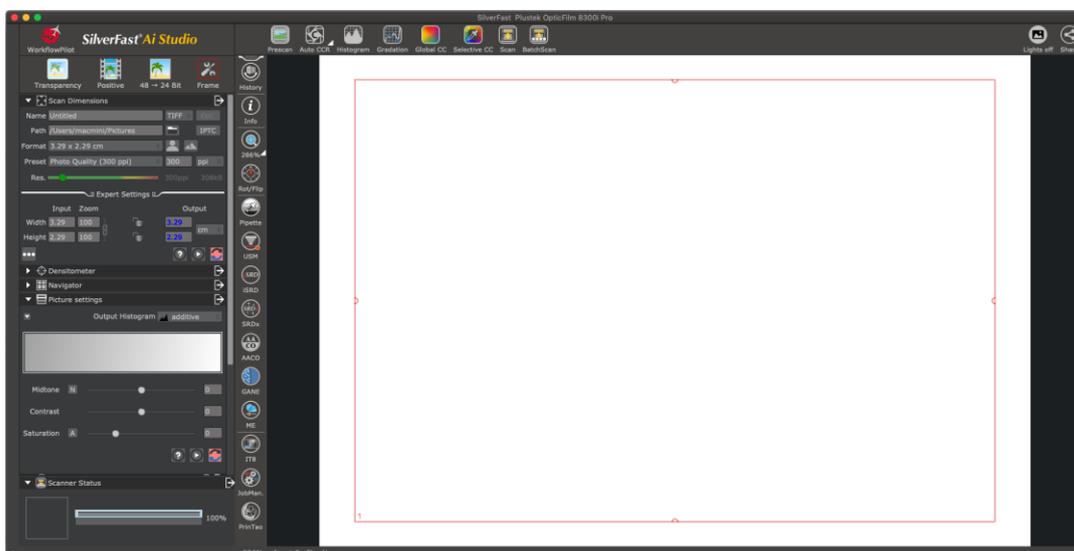
Operating the Scanner

There are different ways to operate the scanner:

❶ Using SilverFast Launcher by pressing [**IntelliScan**] button. This stand alone program allows you to perform advanced scanning features. For further information, please refer to SilverFast User's Manual.

❷ Using QuickScan Plus Launcher by pressing [**QuickScan**] button. The QuickScan Plus program is automatically installed as your scanner software.
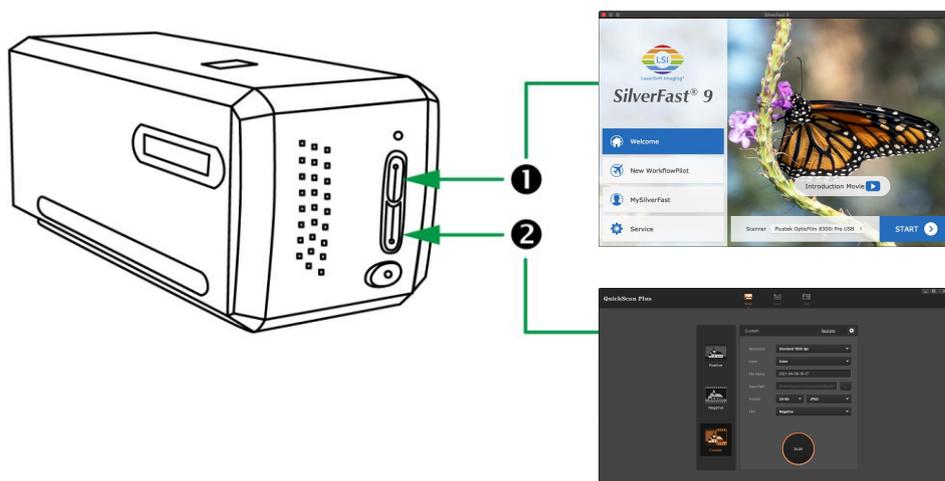
- • ❶ [Using [IntelliScan] Button](#)
- • ❷ [Using [QuickScan] Button](#)

❶ Using [IntelliScan] Button

The [**IntelliScan**] button enables you to activate bundled SilverFast, which performs advanced scan features, such as Dust and Scratch Removal, Grain and Noise Elimination, Negative Optimization…etc.

Attention	• This button is only available when the SilverFast software is installed on your computer. • For detailed settings and features about SilverFast, please refer to SilverFast User's Manual.
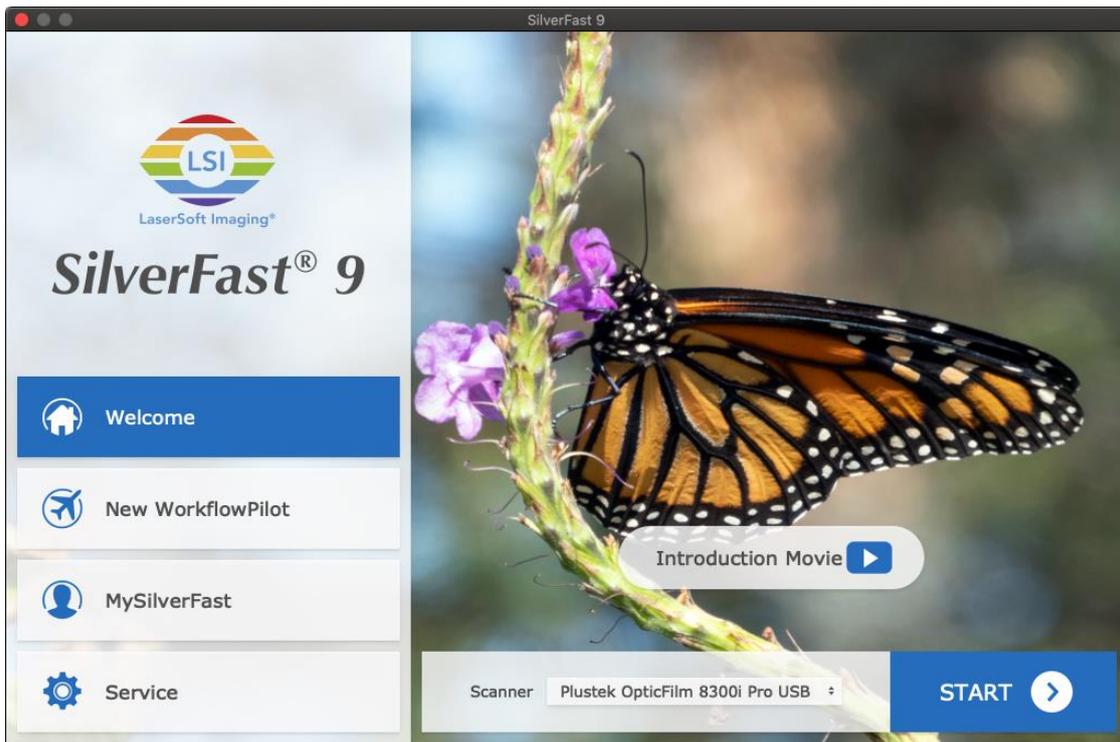
❷ Using [QuickScan] Button

The [**QuickScan**] button enables you to launch QuickScan Plus software. If the [**Save image files after hardware scan**] option is checked in the [**Preference**] settings dialog, this [**QuickScan**] button can conveniently scan images and save them automatically to the album. Simply press the [**QuickScan**] button on the front of your scanner and the scanner will start scanning your transparencies or negatives with [**Custom**] scan mode.

Before performing your first scan via the [**QuickScan**] button, you are recommended to configure the QuickScan Plus settings to your needs and preferences first.

Attention	Please refer to the QuickScan Plus on-line help for more information about available scan settings.
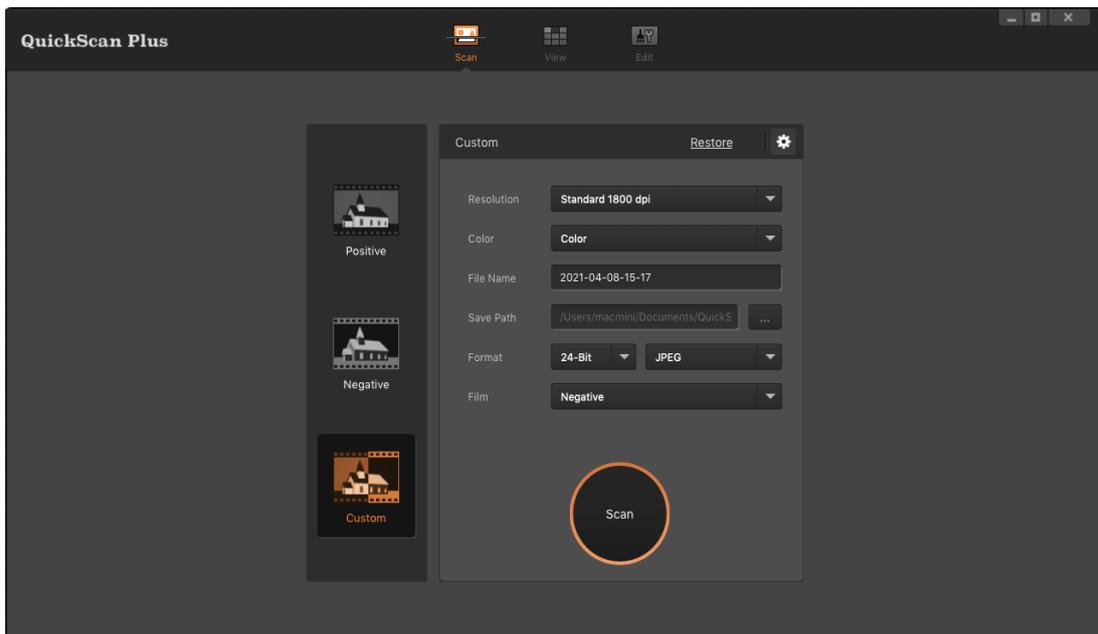
Appendix A: Troubleshooting

Scanner Connection

The first step to take when troubleshooting connection problems with your scanner is to check all physical connections.

Attention	Manually Installing the Software
	For Windows OS: If you are facing difficulty in installing the scanner driver, please try manually installing the software. 1. Please open [Start] > [Control Panel] > [System] > [Hardware] > [Device Manager]. In the [Device Manager] window, right-click on this scanner under [Other devices] and select [Update Driver Software] from the pop-up menu. 2. Click [Browse my computer for driver software] in the window that appears, and click the [Browse] button. In the [Browse For Folder] window, select the folder that contains this scanner's driver and click the [OK] button to return to the previous screen. Click the [Next] button and click [Install this driver software anyway] if the [Windows Security] window appears. 3. Browse your USB stick and manually run the [Setup.exe] file from OPTICFILM > Windows > Plustek OpticFilm 8300i. Click on the [Yes] button if the [User Account Control] dialog pops up. Follow the on-screen instructions to install all software that your new USB scanner requires.
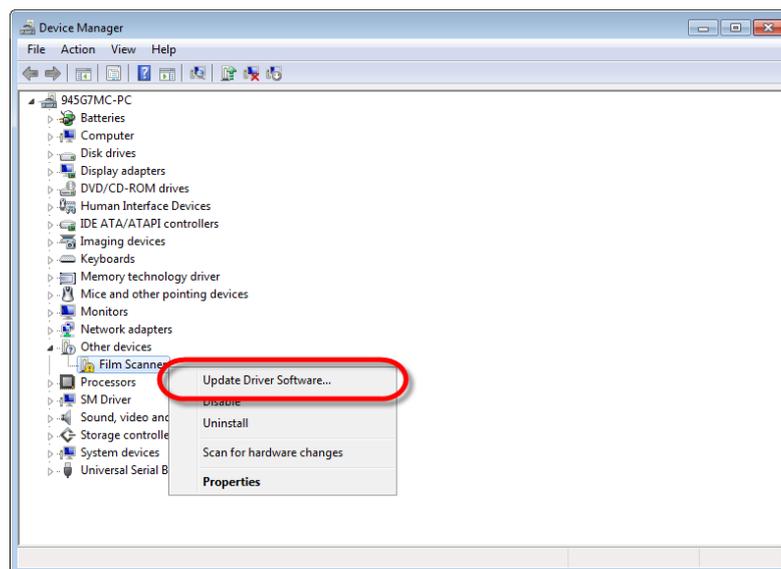
Scanning Problems

Most problems are easily solved, and some of the most common questions and their recommended solutions are listed below.

*Always make sure that you are using the latest software of Plustek and SilverFast.

Symptom	Cause & Solution
The Scanner source is blank	• **The scanner is not detected by the OS.** Please refer to the solutions of the following "**The scanner cannot be found**".
The scanner cannot be found	• **The USB cables are not connected properly** Make sure that the cables are connected tightly and to the proper port. • **The USB cable might be too long** Please use the USB cable that comes with your scanner. • **The scanner's power cord is not connected properly** Make sure that the AC adapter is connected to an outlet. If the scanner is connected to a Surge Protector, make sure that the Surge Protector is turned on. • **The scanner is not power on.** Press the Power button to turn the scanner ON. • **Windows didn't detect the scanner** 1) Please open [Start] > [Control Panel] > [System] > [Hardware] > [Device Manager]. 2) Please check if your scanner is properly listed under [Imaging Devices]. If it is not listed there or the device icon has an exclamation mark, please refer to "**Manually Installing the Software**" to install the device drivers.

The scanned image looks grainy on the screen	• **Your video mode is not set to show more than 256 colors** We recommend that you set your video mode to 16 bits per pixel (65536 colors) or higher. Please consult your video card, computer or Windows documentation to change the video mode.
The scanner scans very slowly	• **You are running other applications in the background** Close all the other applications that are running in the background. • **You are scanning at a high resolution (DPI)** Reduce the resolution.
The image looks good in the software that came with the scanner but it doesn't look good when I export the image to another program	• **Different imaging programs use different Monitor Gamma settings** Change the Monitor Gamma settings in either of the programs so that they match. Please consult the help files for each program to find out how to adjust the Monitor Gamma.
The image looks good on screen but very dark when printed	• **The Monitor Gamma Settings or the scanner brightness settings are not set properly** 1) Change the Monitor Gamma to a value between 1.0 and 1.5. Please consult your help file for information on how to adjust the Monitor Gamma. 2) Adjust the brightness control in the TWAIN window before scanning. • **The printer brightness setting is not set properly** Adjust the brightness in the printer. Some printers allow you to change the brightness settings. Please consult your printer documentation.
There is a grinding or rattling noise at the beginning of each scan	• **The scanner engages the gears and it initializes itself before scanning** This noise is normal to the operation of the scanner.

A "Disk is full" error is displayed when I click on the scan button	• **Your computer is running low in resources. Your computer hard disk drive does not have enough space to process the image. This may be because you are scanning at too high of a resolution** Obtain a larger hard disk or rescan at a lower resolution.
A "Disk I/O error" message is displayed	• **This error is caused if the hard disk drive does not have enough space available to process the image** Make some space available in the hard disk drive by deleting any programs or files that you do not need • **Your hard disk drive might be heavily fragmented or it might contain some bad sectors** Run the Scan Disk utility that came with your Windows computer. Please consult your computer documentation or the Windows help files on how to run the Scan Disk Utility

Appendix B: Specifications[2]

OpticFilm 8300i Ai	
Image Sensor	CCD
Light Source	LED
Hardware Resolution	7200 dpi
Scan Modes	Color: 48-bit input, 24/48-bit output Grayscale: 16-bit input, 8/16-bit output
Dynamic Range	3.6
Infrared	Built-in
Scanning Speed	3600 dpi: Approx. 20 sec & 40 sec with IR scanning 7200 dpi: Approx. 40 sec & 120 sec with IR scanning
Scanning Area (W x L)	36.8 mm x 25.4 mm (1.45" x 1") Remark: 35mm film
IT8 Target	Bundled
Action Button	IntelliScan, QuickScan
Power Supply	15 Vdc / 1.2 A
Interface	USB 2.0 Type B
Net Weight	1.6 Kgs (3.5 Lbs)
Dimensions (W x D x H)	120 x 272 x 119 mm (4.73" x 10.7" x 4.7")
OS	Windows 7 X64/ 8 X64/ 10 X64/ 11 Mac 10.13.x and later
Hardware Requirements	Windows PC & Mac Intel i5 CPU or faster 4 GB RAM main memory (8 GB RAM recommended) 20 GB free space on the hard disk drive Internet connection

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[2] Hardware specifications may change at any time without prior notice.

OpticFilm 8300i SE	
Image Sensor	CCD
Light Source	LED
Hardware Resolution	7200 dpi
Scan Modes	Color: 48-bit input, 24/48-bit output Grayscale: 16-bit input, 8/16-bit output
Dynamic Range	3.6
Infrared	Built-in
Scanning Speed	3600 dpi: Approx. 20 sec & 40 sec with IR scanning 7200 dpi: Approx. 40 sec & 120 sec with IR scanning
Scanning Area (W x L)	36.8 mm x 25.4 mm (1.45" x 1") Remark: 35mm film
Action Button	IntelliScan, QuickScan
Power Supply	15 Vdc / 1.2 A
Interface	USB 2.0 Type B
Net Weight	1.6 Kgs (3.5 Lbs)
Dimensions (W x D x H)	120 x 272 x 119 mm (4.73" x 10.7" x 4.7")
OS	Windows 7 X64/ 8 X64/ 10 X64/ 11 Mac 10.13.x and later
Hardware Requirements	Windows PC & Mac Intel i5 CPU or faster 4 GB RAM main memory (8 GB RAM recommended) 20 GB free space on the hard disk drive Internet connection

Appendix C:
Customer Service and Warranty

If you encounter problems with your scanner, please review the installation instructions and troubleshooting suggestions contained in this guide.

Visit our website www.plustek.com for more customer service information. To avoid delays, please have the following information available:

- **Scanner name and model number**
- **Scanner serial number (located at rear of scanner near port connectors)**
- **A detailed description of the problem**
- **Your computer manufacturer and its model number**
- **The speed of your CPU**
- **Your current operating system and BIOS (optional)**
- **Name of software package(s), version or release number and manufacturer of the software**
- **Other USB devices installed**

Service & Support Information (For EU country only)

Where appropriate, the period of availability of spare parts and the possibilities of upgrading products information. Please ask local distributors and suppliers for spare parts information and product upgrade information.

Information requested by relevant Implementing Measure. Please ask local distributors and suppliers for the related information of Implementing Measure test report.

Do not dispose anything of products before you ask local distributors and suppliers to get correct information for decreases of environmental impact with right methods and procedures.

If you want to disposals the product and/or an accessory, please ask local distributors and suppliers to get the contact information of nearest disposal manufactures.

If you have any maintenance inquiry, please ask local distributors and suppliers to get the contact information of nearest maintenance center in order to extend the product usage life time.

If you want to maintain and clearance the product, please ask local distributors and suppliers to get the right information of nearest stores.

Statement of Limited Warranty

This Statement of Limited Warranty applies only to the options you originally purchase for your use, and not for resale, from an authorized reseller.

The manufacturer warranty includes all parts and labor, and is not valid without the receipt of original purchase. To obtain warranty service, you may contact the authorized dealer or distributor, or visit our website to check out the available service information, or send a request via E-mail for further help.

If you transfer this product to another user, warranty service is available to that user for the remainder of the warranty period. You should give your proof of purchase and this statement to that user.

We warrant that this machine will be in good working order and will conform to its functional descriptions in the documentation provided. Upon provision of proof of purchase, replacement parts assume the remaining warranty of the parts they replace.

Before presenting this product for warranty service, you must remove all programmes, data and removable storage media. Products returned without guides and software will be replaced without guides and software.

This Limited Warranty service does not provide for carry-in exchange when the problem results from accident, disaster, vandalism, misuse, abuse, unsuitable environment, programme modification, another machine or non-vendor modification for this product.

If this product is an optional feature, this Limited Warranty applies only when the feature is used in a machine for which it was designed.

If you have any questions about your Limited Warranty, contact the approved retailer from whom you bought the product or the manufacturer.

THIS LIMITED WARRANTY REPLACES ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABLITY AND FITNESS FOR A PARTICULAR PURPOSE. HOWEVER, SOME LAWS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES. IF THESE LAWS APPLY, THEN ALL EXPRESS AND IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE WARRANTY PERIOD. NO OTHER WARRANTIES APPLY AFTER THAT PERIOD.

Some jurisdictions do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply.

Under no circumstances are we liable for any of the following:

• Third party claims against you for losses or damages.

• Loss of, or damage to, your records or data; or

• Economic consequential damages (including lost profits or savings) or incidental damages, even if we are informed of their possibility.

Some jurisdictions do not allow the exclusion or limitations of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This Limited Warranty gives you specific legal rights, and you may also have other rights that vary from jurisdiction to jurisdiction.

To obtain the warranty service, you may:

● contact the authorized dealer or distributor.

● visit our website to check out the up-to-date service.

● send a request via E-mail for further help.

FCC Radio Frequency Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular television reception (which can be determined by turning the equipment off and on), the user is encouraged to try to correct the interference by one or more of the following measures:

● Reorient or relocate the receiving antenna.

● Increase the separation between the equipment and receiver.

● Connect the equipment to an outlet on a circuit different from that which the receiver is connected.

● Shielded interconnect cables and shielded power cord which are supplied with this equipment must be employed with this equipment to ensure compliance with the pertinent RF emission limits governing this device.

● Consult the dealer or an experienced radio/TV technician for help if the conditions persist.

● Changes or modifications not expressly approved by the manufacturer or authorized service center could void the user's authority to operate this equipment.