

# reflecta<sup>®</sup> x8-Scan

USER  
MANUAL



*Professional high resolution images*

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## **Welcome**

Thank you for purchasing a reflecta x8-Scan.

Please take a moment to read through this manual. Its contents will send you on an educational journey into your recorder multiple capabilities.

## **1. Precaution**

Before using reflecta x8-Scan, please ensure that you read and understand the safety precautions described below. Always ensure that the reflecta x8-Scan is operated correctly.

Never operate reflecta x8-Scan inside of an aircraft or anywhere else where operation of such devices is restricted. Improper use creates the risk of serious accident.

Do not try to open the case of reflecta x8-Scan or attempt to modify reflecta x8-Scan in any way.

High-voltage internal components create the risk of electric shock when exposed. Maintenance and repairs should be performed only by authorized service providers.

Keep reflecta x8-Scan away from water and other liquids. Do not use reflecta x8-Scan with wet hands. Never use reflecta x8-Scan in the rain or snow. Moisture creates the danger of fire and electric shock.

Keep reflecta x8-Scan and its accessories out of the reach of children and animals to prevent accidents or damage to the reflecta x8-Scan.

If you notice smoke or a strange odor coming from reflecta x8-Scan, turn the power off immediately. Take reflecta x8-Scan to the nearest authorized service center for repair. Never attempt to repair reflecta x8-Scan on your own.

Use only the recommended power accessories. Use of power sources not expressly recommended for reflecta x8-Scan may lead to overheating, distortion of the equipment, fire, electrical shock or other hazards.

reflecta x8-Scan may become slightly warm during use. This does not indicate malfunction.

If the exterior of reflecta x8-Scan needs cleaning, wipe it with a soft, dry cloth.

## **FCC Notice**

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. If not installed and used in accordance with the instruction, it may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment on the off, the user is encouraged to try to correct the interference by one or more the following suggestion.

- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and the receiver.
- Connect the equipment to a different power outlet other than the one where the receiver is connected.
- Consult an experienced television or radio technician for help.

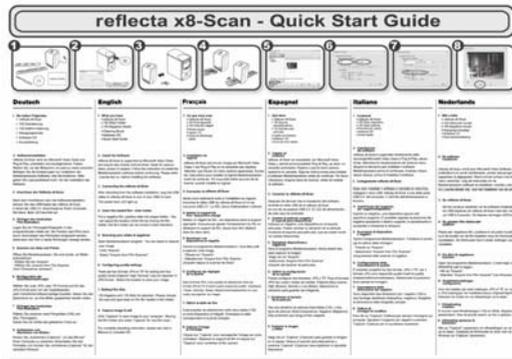
## **CAUTION**

To comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules, this device must only be installed on computer equipment certified to comply with the Class B limits.

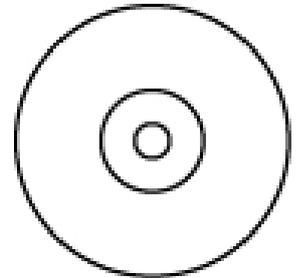
## Standard Accessories



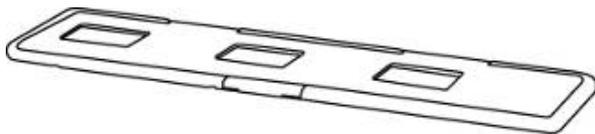
reflecta x8-Scan



QSG



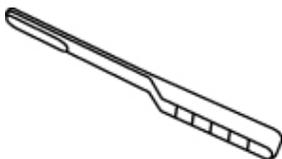
CD



135 Slide Holder

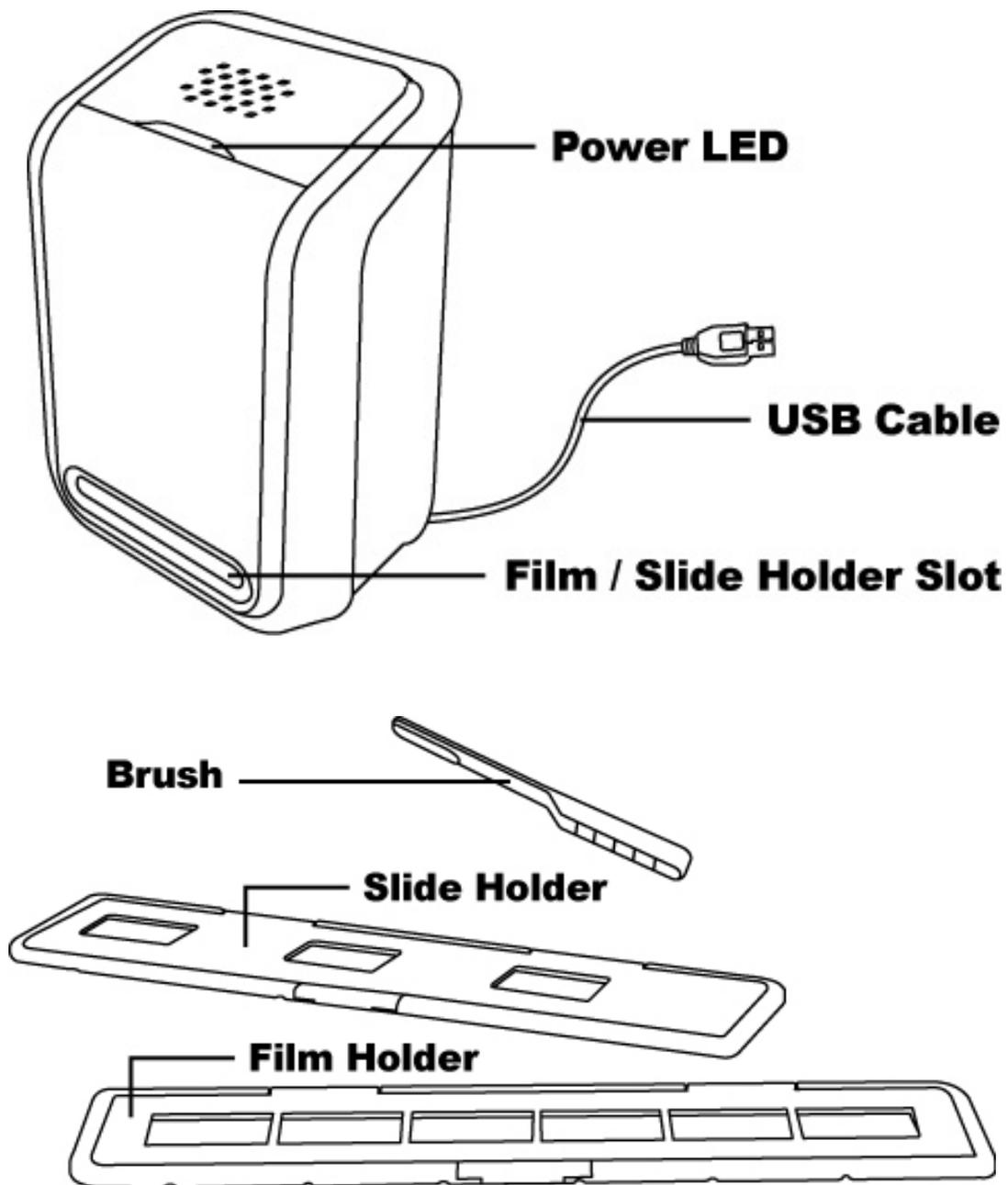


135 Negative Film Holder



Clean Brush

## Part Names



**Note:** We strongly suggest using the supplied Clean Brush to insert into the reflecta x8-Scan slot and clean the glass surface periodically to produce a clear image. Please make sure your film negatives/ mounted slides and cover trays are clean before inserting into the copier as well. Dust or dirt from the negatives and cover trays will affect the quality of your scanned images.

### 3. Install the Software

This reflecta x8-Scan is supported by Microsoft / Mac UVC (Universal Video Class) and Plug & Play technology. Therefore, it does not need a separate driver.

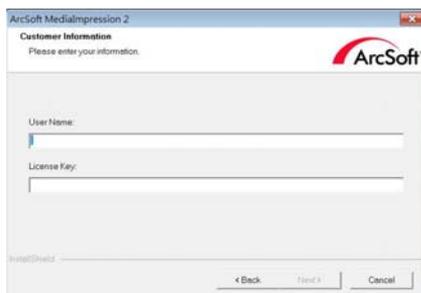
To use the reflecta x8-Scan you must install ArcSoft MediaImpression in the CD in advance.

#### Installing the Software in Windows OS computer

1. Insert the installation CD into the CD-ROM drive and the installation CD menu should appear.
2. When you see the following screen, choose “**ArcSoft MediaImpression**” to install the software.



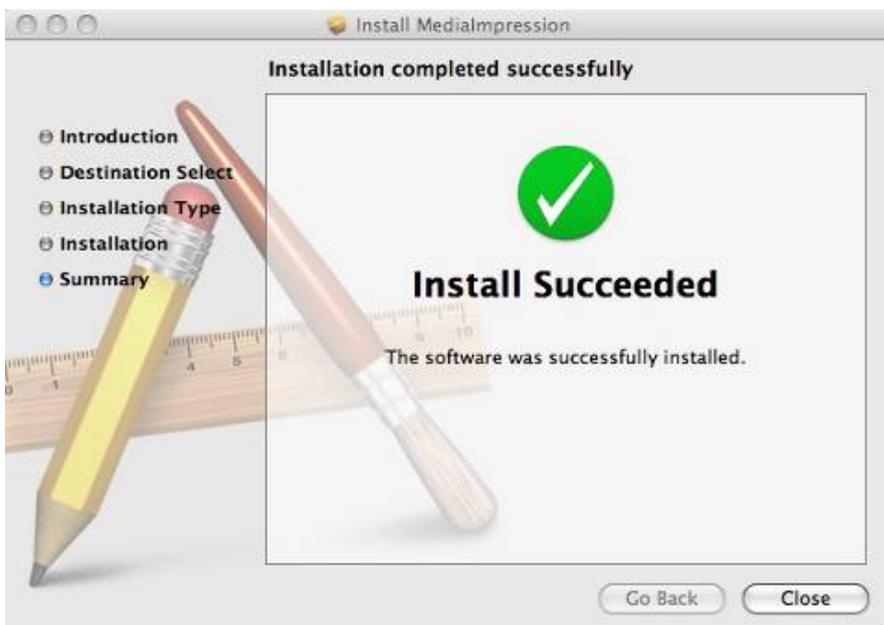
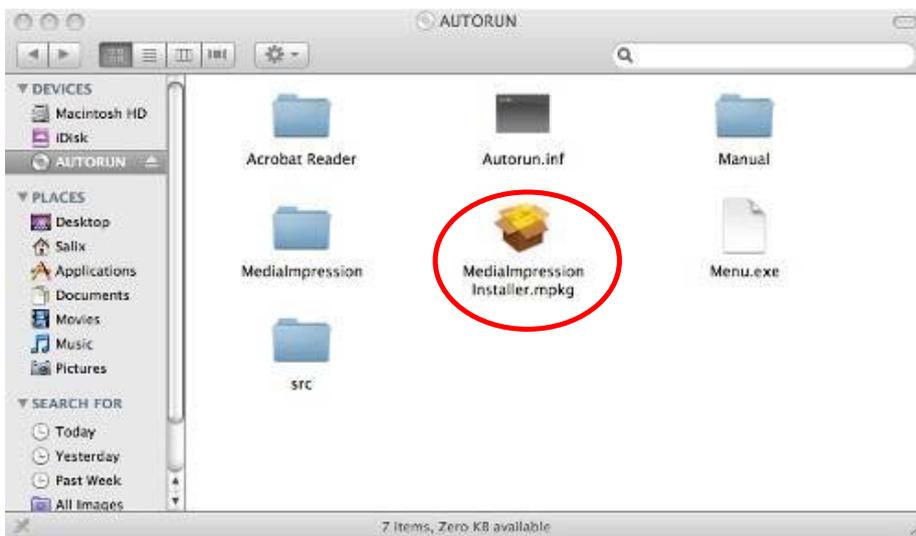
3. Follow the on-screen instructions.
4. On Customer Information, please refer to the sticker with SN no. on the CD paper cover for License Key.



5. The installed software will automatically create a **MediaImpression** logo on your desktop.
6. Restart the computer.

## Installing the Software in Mac OS computer

1. Insert the installation CD into your computer's CD-ROM drive and click CD icon.
2. Click "MediaImpression Installer"
3. Follow the on-screen instructions.
4. On Customer Information, please refer to the sticker with SN no. on the CD paper cover for License Key.



## 4. Place Film / Slide Into The Holder

EN

1. Open the negative/ positive slide holder as Illustrated.



2. Put a negative film/ positive slide into holder as shown.



3. Close the holder and please make sure the holder close properly.



## 5. Connecting the reflecta x8-Scan

1. Plug the USB cable of reflecta x8-Scan into your computer's USB 2.0 port. Once connected the Power LED light will turn on.
2. Insert the loaded film/ slide holder properly into the slot according to the triangular signs as shown.

**IMPORTANT: INSERTING HOLDERS INCORRECTLY  
MAY DAMAGE YOUR reflecta x8-Scan**



(Insert through front entrance)

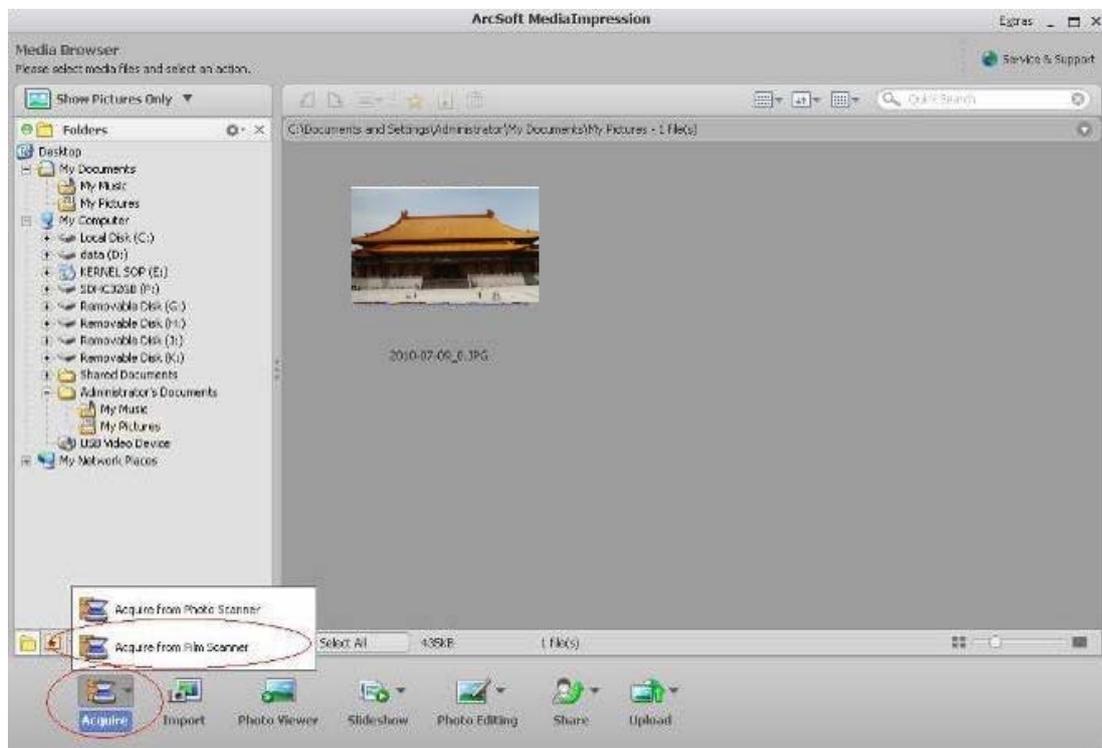
## 6. Acquire Picture

### Acquire Picture from Windows and Mac Computer

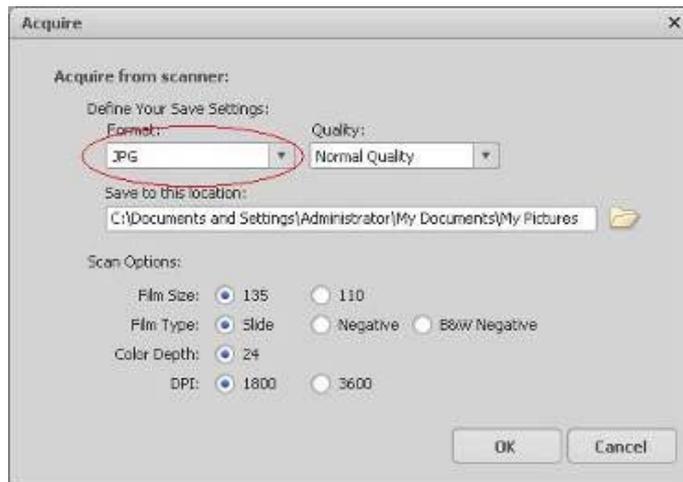
1. Click on the MediaImpression icon on the desktop and you will see the following.  
For Mac computer the mediaImpression may be located in “Application” of your computer.



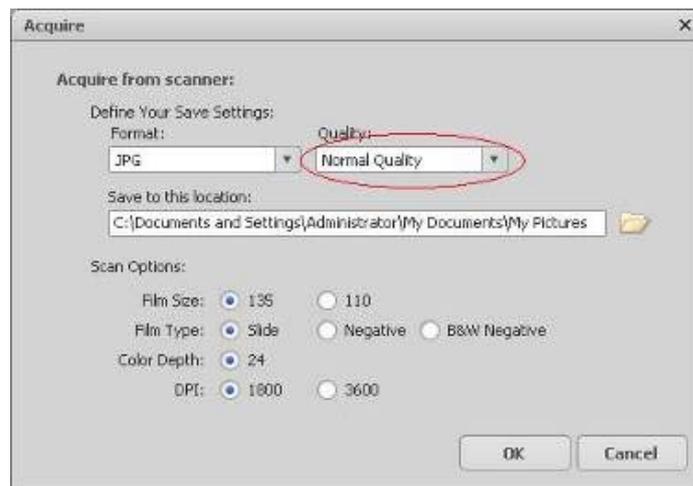
2. Click “Acquire”.  
Connect USB cable of your scanner to the computer  
Select “Acquire from Film Scanner”.



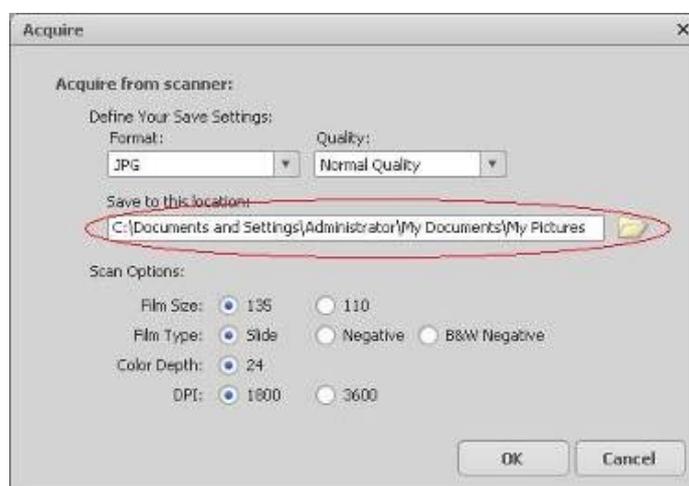
3. Define your save as settings:  
a) There are two formats JPG or TIF for setting.



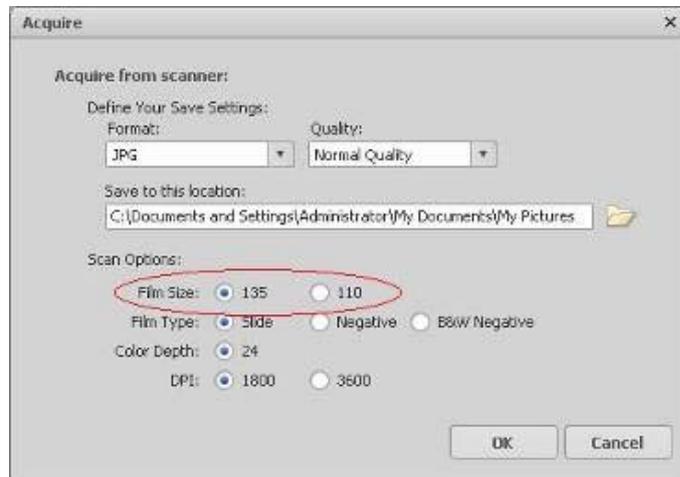
- b) There are four quality levels (Highest/ High/ Normal/ Low) for selection in JPG format.



- c) Select the location to save your image.

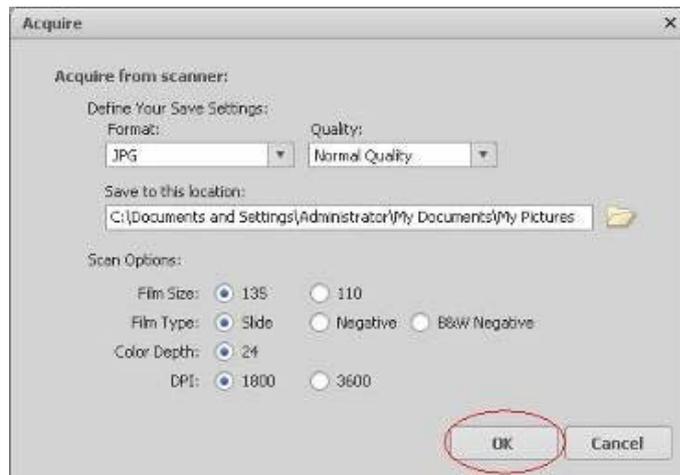


d) There are two film sizes (135 film) to choose from. You are suggested to select 135 film



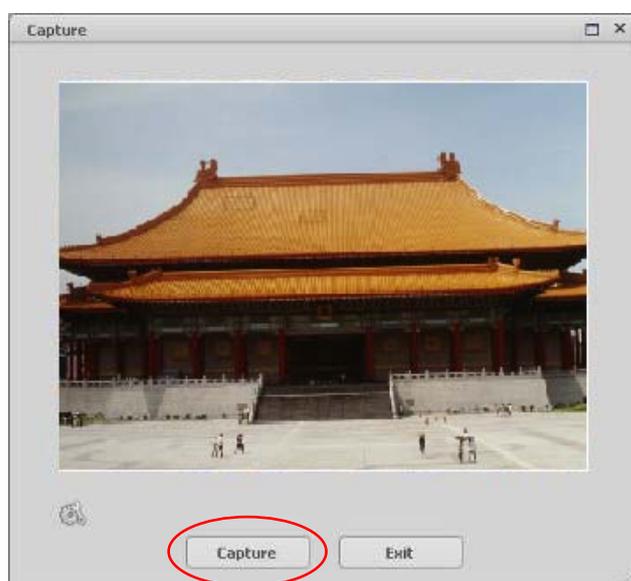
e) Select the film type you are going to scan.

f) Click "OK".



#### 4. Capturing images

You will see the image to be captured in the live view window, move the holder to avoid dark edge of the holder appears in the live view window, the dark edge will be captured if it appears. If the dark edge is on top or bottom when taking slide image, tilt the device left or right will help to locate the image correctly. Click “Capture” to save image to your computer.



5. Move the film holder and press “Capture” for the next film scan.

## 7. Editing The Pictures

First, click on the picture you wish to edit, and then use the ArcSoft tools to edit.

### Edit

#### Photo Editing Tools

The Photo Editing Tools module includes a complete set of photo enhancement, editing and retouching tools.

The windows can be stretched to provide a large size view of the active photo. Double click the module's tool bar to maximize the window to fill the computer screen. In addition to the large photo workspace, the Photo Editing Tools module includes five distinct sets of tools:

#### 1. Adjust

##### 1.1 Enhance

The Enhance feature includes two types of tools:

- Auto Enhance



Click the “Auto Enhance” button to improve the overall quality of your pictures with a single click.

- Manual Fix

For precise image enhancement control, adjust the brightness, contrast and sharpen sliders.

How to enhance a photo manually:

1. Move the sliders to adjust the level of brightness, contrast, saturation, hue and sharpness.
2. Use the zoom slider to get a closer look at how the adjustment affects the photo.
3. Click “Apply” if you like the result. Click “Cancel” if you do not.

## 1.2 Color

This feature is designed to fix digital photos that have incorrect colors or appear too dark. It's also great for fixing scanned versions of old pictures that have faded or whose colors have changed after many years.

How to fix the color of a picture:

1. Drag the color balance sliders to make the photo color appear more natural. Add red or yellow to make the photo warmer. Add blue or green to make the photo cooler.
2. Drag the Lighter/Darker slider to the left to reveal details hidden in a dark photo or to the right to make a faded photo look new again.
3. Click "Apply" if you like the result. Click "Cancel" if you do not.

## 1.3 Red-Eye

This feature makes it easy for you to fix a red-eye – a common problem in flash photography.

There are two ways to fix red-eye:

- Auto  Fix

1. Simply click the "Fix Red-Eye" button to automatically find the fix all red-eyes.
2. If not all of the red-eyes are fixed, use the "Click to Fix" method.

- Manual Fix

1. Use the zoom slider on the toolbar to zoom in on the photo.

2. Drag the small white box inside the zoom navigator and move over a red eye.
3. Place your cursor directly over the red eye and click.
4. Repeat the process until all the red eyes are fixed.
5. Click “Undo” if you make a mistake or don’t like the result.

## 1.4 Crop

This feature enables you to trim photos for a dramatic effect or cut off the distracting parts of a picture.

How to use the crop function:

1. Choose the crop orientation (portrait or landscape).
2. Select a fixed proportion for the crop rectangle (4:6, 5:7, 8:10) or choose “Custom” if you want to use a different ratio.
3. Resize the crop rectangle by clicking and dragging the red lines.
4. Move the crop rectangle into position by clicking and dragging inside the red box.
5. Click “Crop”. The area inside the rectangle will be kept, the area outside will be trimmed away.
6. Click “Undo” if you make a mistake or don’t like the result.

## 1.5 Straighten

This feature enables you to fix photos that appear to be tilted.

How to use Straighten:

1. Move the slider (or click the rotate buttons) until the photo appears straight.
2. Use the superimposed grid lines for vertical and horizontal reference.
3. Click “Apply” if you like the result. Click “Cancel” if you do not.

## **1.6 Blur Background**

This feature can be used in a subtle way – to tone down un-important background details, or for dramatic effect- by making the main subject of a photo “pop out” of the picture.

How to use the Blur Background function:

1. With your cursor, trace a line around the person or object you want to stand out. When you release the mouse button, the area outside the traced line will become slightly blurred.
2. Drag the first slider to make the transition between the blurred and non-blurred area sharp or smooth.
3. Drag the second slider to increase or decrease the amount of blur.
4. Click “Apply” if you like the result. Click “Cancel” if you do not.

## **Saving Your Results**

When you’re done editing a photo, click “Save as” to save your results. You can choose to overwrite the original file or save as a new one.

Click “Close” to exit the Photo Editing Module.

## 2. Retouch

### 2.1 Healing Brush



The Healing Brush is good for fixing dust, scratches and removing skin blemishes.

How to use the Healing Brush to fix a skin blemish:

1. Establish a source point for the Healing Brush by holding the Shift key and clicking on an area of the skin that is close in color and texture to the area you want to heal.
2. Use the zoom control to zoom in on the blemish.
3. Adjust the size of the healing brush so the cursor (circle) is only slightly larger than the blemish.
4. Paint over the blemish. The area will be concealed.
5. Click “Undo” if you make a mistake or don’t like the result.



### 2.2 Clone

The Clone tool is good for the removing unwanted elements from a photo. It can also be used for a fun effect, like moving a nose from one person to another.

How to use the Clone tool to remove a telephone pole from the background of a photo:

1. Establish a source point for the Clone tool by holding the Shift key and clicking on an area of the sky that you want to use to paint over the telephone pole.
2. Adjust the brush size so the cursor (circle) is only slightly larger than the widest part of the telephone pole.

3. Click and hold your mouse button and carefully paint over the telephone pole. Do not release the mouse button until the job is done. The sky will be cloned into place.
4. Click “Undo” if you make a mistake or don’t like the result.

### 2.3 Lighten/Darken



The Light/Darken tool is good for adjusting specific areas of a photo.

### 2.4 Smudge



Simulate the smearing of wet paint. Please click and drag the sliders below to change the brush size and sharpness.

### 2.5 Sharpen



Sharpen blurry areas. Click and drag the sliders below to change the brush size and transparency.

### 2.6 Blur



Smooth out rough areas. Click and drag the sliders below to change the brush size and intensity.

## 2.7 Paint Brush



Allows you to “paint” on your image when you click and drag the mouse. Click and drag the sliders below to change the brush size and transparency.

## 2.8 Line



Draw a straight line in the photo. Click and drag the sliders below to change the line width and transparency.

## 2.9 Eraser



Simulate an eraser, removing the image painting by paintbrush and line tools from your photo. Click and drag the sliders below to change the eraser size and effect.

## 3. Clipboard

Clip the pictures by selecting Rectangular, Elliptical, Freehand, Magic wand and Magnetic.

Note: For more detailed information, please refer to the [Help section] of program.

## 8. Appendix

<b>Specifications</b>	
Image Sensor	1/3.2" 5 mega CMOS sensor, 5 mega pixels
Lens Specification	F=6.1, EFL=11.0mm, field of angle=26°
Color Balance	Automatic
Exposure Control	Automatic
Supported film sizes auto cropping	135mm film (36mm x 24mm)
Supported film types auto converting	Color Negative Film (135 ) Black & White Negative Film
Focusing	Fixed Focus
PC interface	USB 2.0
Scan High Resolution	4.3M equal to 1,800 dpi (enhances to 3,600 dpi via interpolation)
Data Conversion	24 bits R.G.B color channel (48 bits color depth option in MediaImpression)
Image Format	135 Film 3:2 ratio
Light Source Back Light	3 white LED
Power	From USB port
Dimension	165.7(H) x 104(W) x 90(L) mm
Bundled Software	ArcSoft MediaImpression
Specifications are subject to change without prior notice.	

## Trouble Shooting

Issue	Possible cause	Resolution
<p>My computer does not recognize the reflecta x8-Scan.</p> <p>I get a Windows message that reads "device not recognized"</p>	<p>reflecta x8-Scan not plugged into a high-speed USB port.</p>	<p>Your computer must have a USB 2.0 to communicate with your reflecta x8-Scan. Check to see if USB 2.0 is installed on your computer. If you do not have a USB 2.0 installed on your computer you can upgrade your USB ports. This hardware is available at most electronic stores.</p>
<p>My installation disc will not auto start</p>	<p>May be a problem with install CD.</p> <p>May be a problem with your CD drive.</p>	<p>Check to see if your CD drive is operating properly. If possible check another computer to see if the disc is recognized.</p> <p>Some "Anti Virus" system may block the auto start, please install manually.</p>
<p>My reflecta x8-Scan works ok, but some of my slides or negatives look overexposed</p>	<p>Time for auto exposure varies according to your computer configuration.</p>	<p>The reflecta x8-Scan self adjusts to your slide/negative exposure. Wait for the live view window to stop adjusting for exposure and then click "Capture" to get image. Check your slides or negatives to see if they may have been overexposed when originally developed. You may use the MediaImpression software to adjust or improve the image quality.</p>

<b>Issue</b>	<b>Possible cause</b>	<b>Resolution</b>
I found black edge in preview mode	Slide might not in holder central position	Tilt the scanner left or right, slide will slip and check the preview photo again.
I found the black edge when seeing the photo	Film/Slide size tolerance	Crop the photo by software, detail user guide, please refer to this manual "Edit the picture" point "1.4 Crop"
Your software will expire in XX days.	You downloaded the similar trial software from ArcSoft website.	Uninstall the downloaded MediaImpression and install the software again from the CD.
My Mac computer does not work with the copier.	Your Mac. OS is version 10.4 or below.	Some older Mac 10.4 version does not support UVC. Please upgrade to its latest version 10.4.11 or above.

## **PC System Requirements**

- Pentium<sup>®</sup> P4 1.6GHz or equivalent AMD Athlon
- Free USB2.0 port
- 512MB RAM
- 500MB free hard disk space
- 1024 x 768 pixel color monitor
- CD-ROM drive
- Windows<sup>®</sup> XP Service Pack II / Vista<sup>™</sup>, 32/64 bits  
Windows 7/8

## **Mac System Requirements**

- PowerPC G5 or Intel Core Duo processor recommended
- Free USB2.0 port
- 768MB RAM
- 500MB free hard disk space
- 1024 x 768 color monitor
- CD-ROM drive
- Mac 10.5 ~ 10.9

If you have any questions or requests, please contact us at the following number:

Tel: +49 (0)7457-946560

Mail: [mail@reflecta.de](mailto:mail@reflecta.de)

Internet: [www.reflecta.de](http://www.reflecta.de)

This symbol on the product or in the instructions means that your electrical and electronic equipment should be disposed at the end of its life separately from your household waste. There are separate collection systems for recycling in the EU. For more information, please contact the local authority or your retailer where you purchased the product.

