Photo Scanner

with **PictureStudio** by **AMBIR**™

Model PS400

Contents

This product is designed to help you easily scan photos and convert them into digital images that can be shared, stored, and preserved. You can effortlessly transfer digital images to your computer. Additionally, the Scanner comes with the feature-rich PictureStudio Software, which provides a full range of photo editing capabilities.

This user manual is intended to provide you with guidance on how to operate this product. Any use outside of the instructions contained in this guide may void the warranty. This product is covered by a limited one-year warranty, which is subject to certain limits and exclusions.

Safety Precautions

Warning: This product contains small parts and is not suitable for children under three years old.

Warning: Do not attempt to disassemble or alter this product. This device contains no user-serviceable parts.

Important: Do not expose this product to liquids or high humidity. Do not handle this product with wet hands to avoid the risk of electric shock.

Do not move or disconnect the device from the computer while the device is reading or writing data. This may cause damage to the device and or the data.

https://picturestudio.com/

Photo Scanner Model PS400

## Downloading and Installing PictureStudio Software

1. Connect the USB cable that came with your Scanner to the port on the underside of the scanner and your computer's USB port. Please use the included adapter if your computer only has USB-A ports.
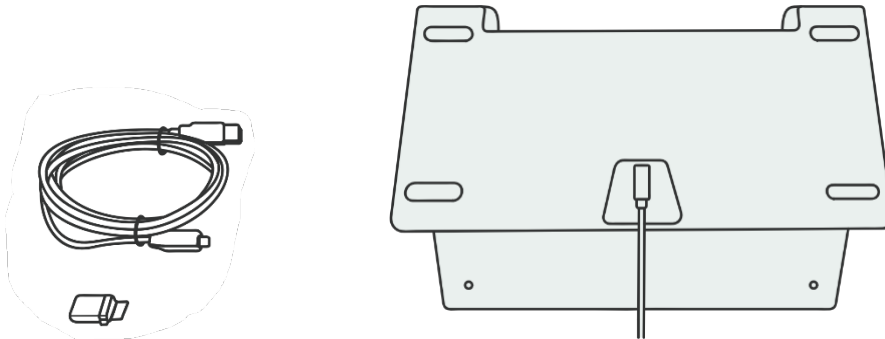
The green power light at the top of the Photo Scanner will illuminate indicating the scanner is connected.

2. Download the software here https://picturestudio.com/setup/

3. Once the file is downloaded from the website, open it to start the installation process. A popup will appear, asking permission to run the PictureStudio file on your device. Click "Yes" to proceed.

4. During the installation process, you will be prompted to connect your scanner. Please use the provided USB cable to connect the scanner to your device. Once connected, press "OK" to continue.
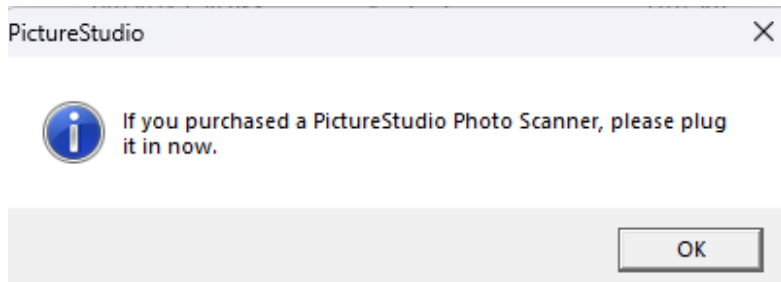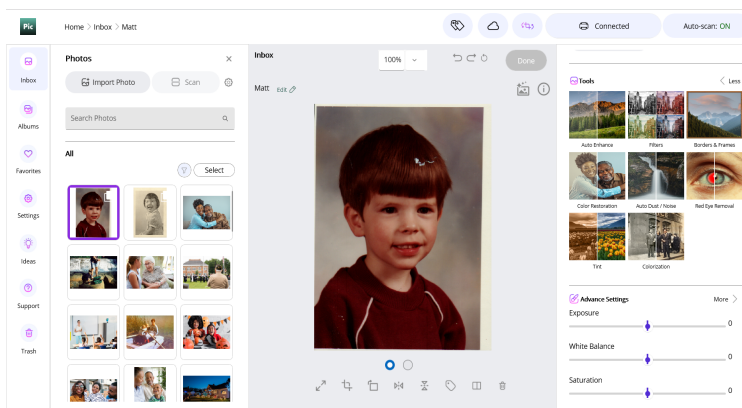

5. After clicking "OK", the PictureStudio will now begin the installation process.
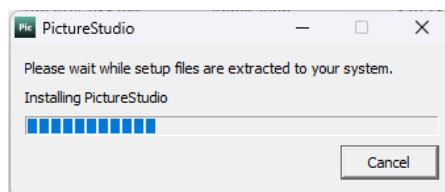
6. Follow the next steps to properly set up PictureStudio on your device. Once complete, click "Next" to start the Setup.
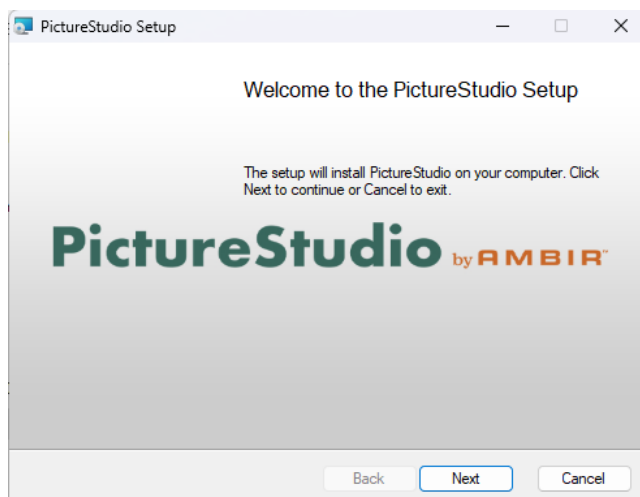
When the installation is complete, the PictureStudio App will open.

When the application is launched, the PictureStudio Registration window will appear. Take this opportunity to register your product for warranty coverage and receive updates and feature enhancements notifications. After completing the requested information, click "**Submit**".

Picture Studio Registration

First Name *

Last Name *

Email *

Phone *

Unit Purchased *

-Select-

Complete the following information so our support team can better assist you. Your information is private and will never be shared/sold

Initial Scanner Setup Clean and Calibrating

1. Connect Scanner to New Device: When first connecting your scanner to a new device, the "Clean Scanner" window will open.
2. When prompted, place the provided clean sheet in the scanner.
3. After inserting the cleaning sheet, click "**Clean**". During this time, the scanner will automatically move the sheet up and down, in order to effectively clean the scanner and roller.


Clean Scanner

Please insert the cleaning paper that came with the scanner into the top tray and press the clean button.

Clean   Cancel

Shortly after this cleaning process is complete, the user will be prompted to Calibrate the Scanner.

4. The "Calibrate Scanner" window will open.
5. When prompted, place the provided calibration sheet in the scanner with the arrows pointing down toward the front of the Scanner.
6. Calibrate Scanner: After inserting the calibration sheet, click "**Calibrate**". During calibration, the power light on the scanner will turn blue. The scanner will automatically move the calibration sheet up and down, determining the correct reference settings.
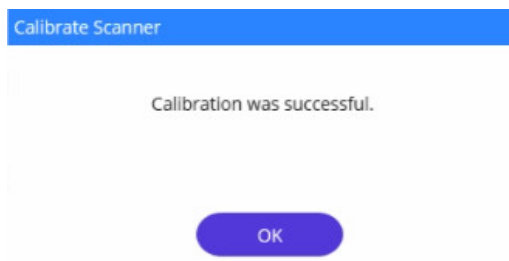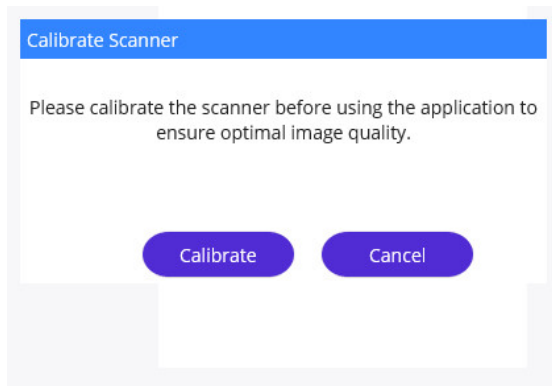

Complete Calibration: Once the calibration has been successfully completed, click "**OK".** The Initial Set up is now complete

Post-Calibration and Settings Adjustment

Regular Calibration: After the initial setup, calibration may be required from time to time to ensure the highest performance and image quality. To calibrate, select "Calibration" from the Settings menu and follow the instructions.

After the initial calibration, the **Scanner Settings** page will open showing the current default settings. From the Settings page, you will have the ability to adjust settings, configure functionality, and integrate with other applications. (See Settings starting on Page for additional

details.)
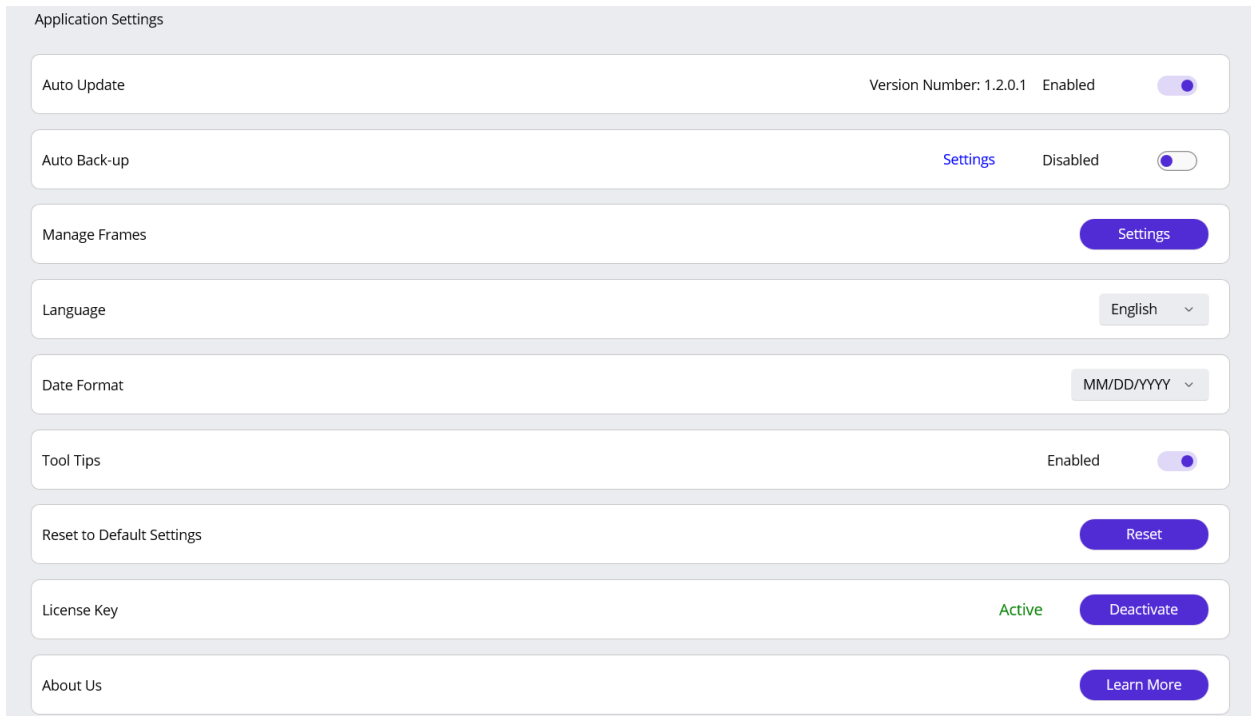
Navigating the PictureStudio App

The first time the App opens, click "**Inbox**". PictureStudio is now ready to use.
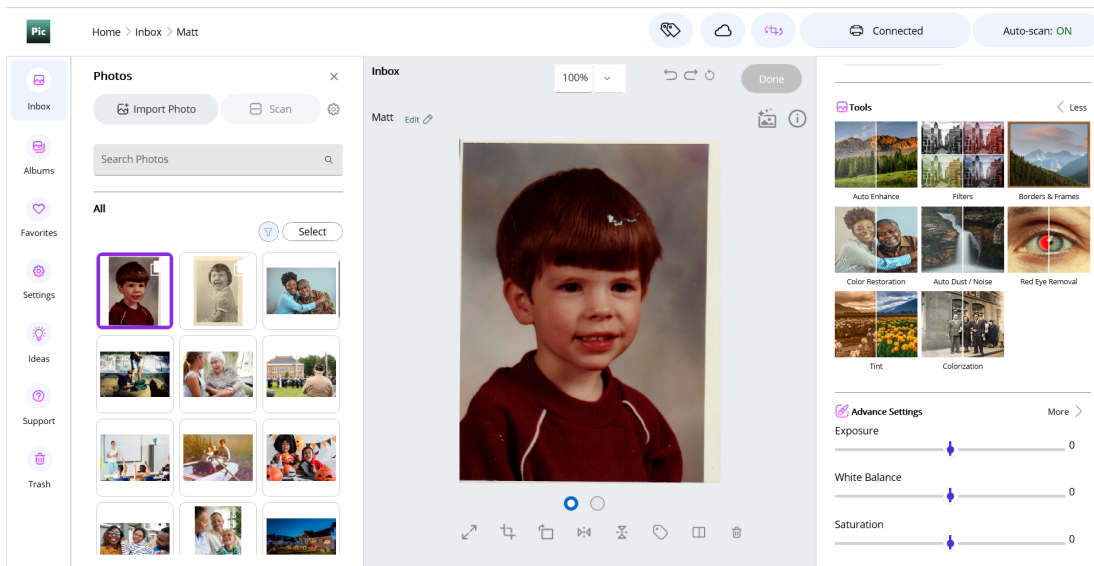
PictureStudio offers a wide range of capabilities and features. Let's take a closer look at them.

The left navigation column shows you various options for organizing your photos and accessing additional information.

Inbox Folder: The top icon is the inbox folder, which opens by default when the app launches. This is the default location for all scans and imports. You can create or select other destinations by clicking the three dots next to the Scan button or selecting a default location in Settings.

Albums: Create custom albums to organize your photos by events, themes, or any criteria you choose.

Favorites: Highlight your most cherished photos by simply clicking the "heart icon" in the lower corner of each photo. Your favorites are now instantly accessible.
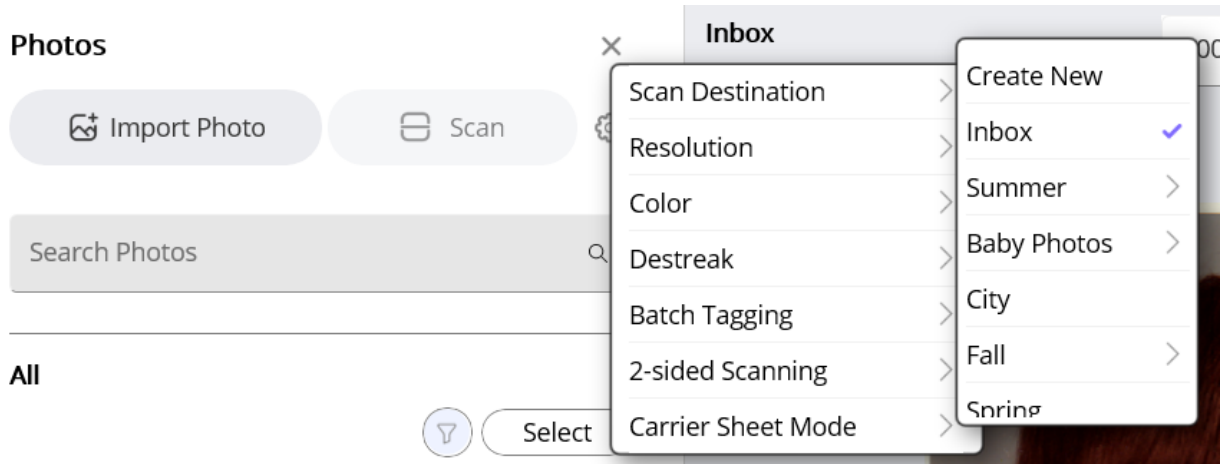
Scanning photos

1. To scan a photo, place a photo in the feed tray, then select "Scan**"**. The photo in the paper tray will begin feeding into the scanner. Newly scanned photos will appear in the viewer to the left of the canvas.

Photos ✕

⌷⁺ Import Photo   ⊟ Scan   ⚙
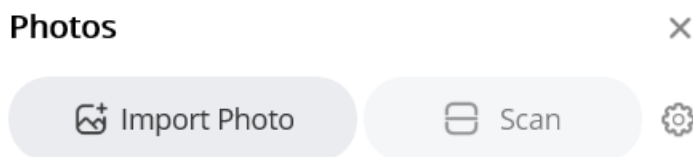
2. The "Gear" next to the Scan button, provides quick access to a range of scanning options, to access the menu of options, simply click icon.

⚙

From this menu, you can select or create a destination Folder, adjust scan resolution (300DPI or 600DPI), select color (Color or Grayscale), and enable or disable 2-sided scanning.

Scanning Your First Photo

Let's start by scanning one of your favorite photos.

1. Scanning can be done in 2 ways, Auto scan (default) or Manual scan.

2. **Auto Scan** enables you to scan photos without having to click buttons in the app. You simply place the photo upside down and with the top of the photo pointed towards the front and bottom of the scanner into the feed tray. Once the photo is detected, the scanner will automatically begin to scan. After a few seconds you will see the photo image appear as a thumbnail image in the Photos Viewer, left of the canvas. You can enable or disable and adjust settings for Auto-scan from the Settings menu.
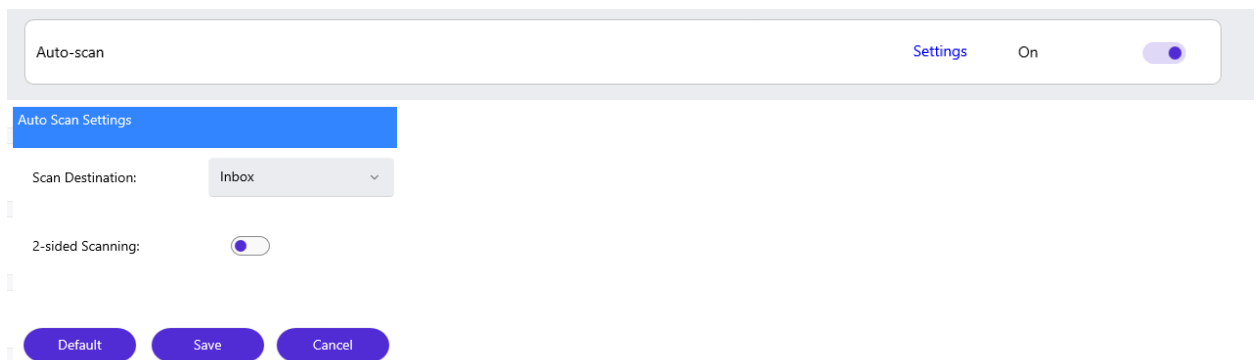
3. **Manual scanning**. Place a photo into the feed tray (face down, with the top of the photo pointed towards the bottom of the scanner). Once set, select the "Scan" button

location in the top left menu of the app. The scanner will feed the photo through automatically and will exit out the bottom. The photo will appear as a thumbnail image in the **Photos Viewer**

4. In the viewer, you have the ability to distinguish the different sides of an image depending on if the scanned image had 2 sides. An icon will appear to notify that this photo has two sides.

    This feature is also prevalent in the form of toggle buttons located in the (i) icon. Located under the photo you can click the front and back view of the image.

5. To view or edit an image on the canvas, click the thumbnail and it will appear on the canvas.


6. The row of editing tools that appear under the selected image in the canvas, enables you to expand the canvas by collapsing the side menus, crop, rotate, Flip Vertically and horizontally, Tag, view Before & After and Delete image during the editing process.
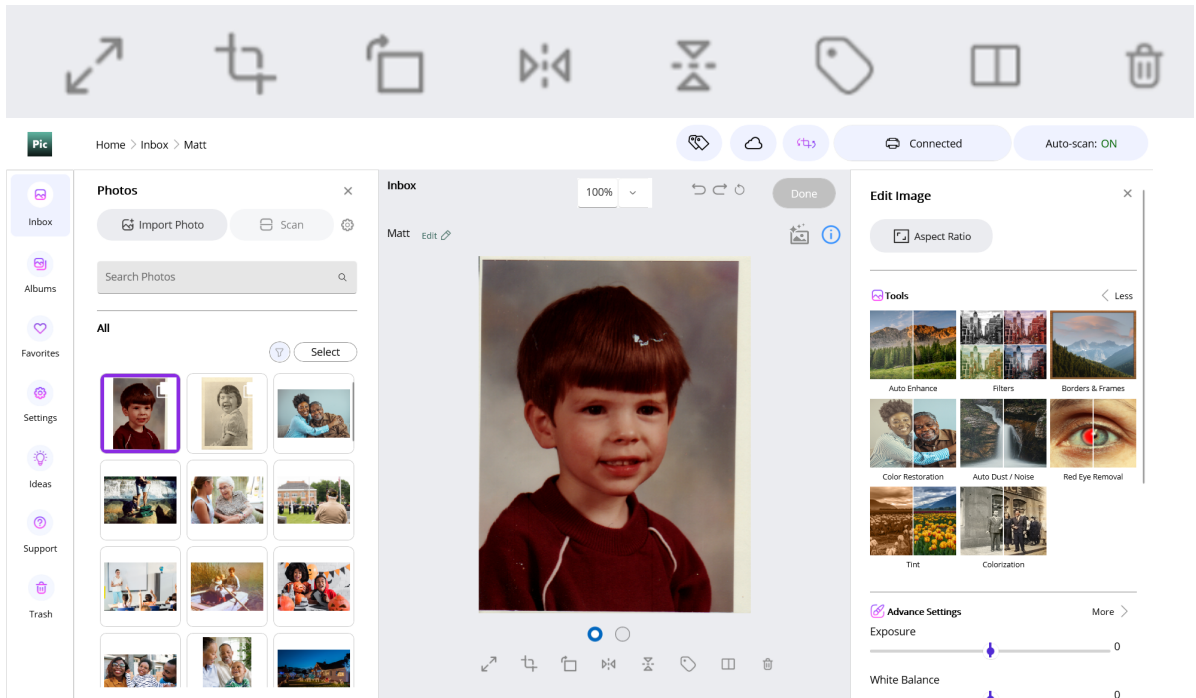
7. The row of icons that appear above the selected image in the canvas, enables you to Undo and Redo, or Restore any of the changes made to the image located on the canvas.

8. To add information about the scanned image, click the .
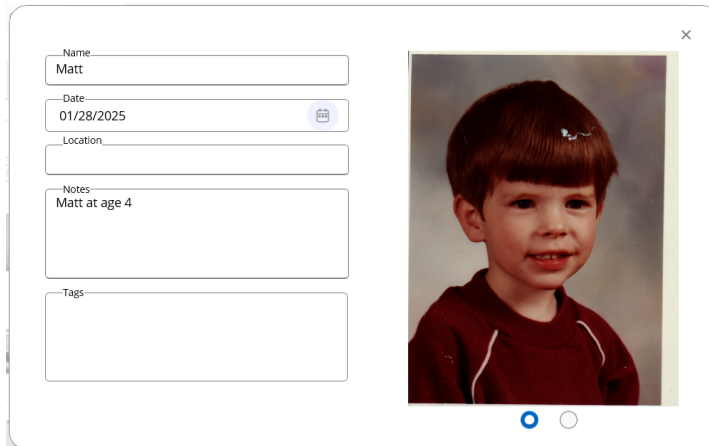
From the information box, you can change the name, location, and date of the photo. These notes and tags will help you easily find saved photos when using the search function. (see Add Tag Section for additional detail.)

Important Tip: Using a Carrier Sheet (included) when scanning old or fragile photos is essential for protecting delicate items from damage and ensuring proper alignment. It also prevents slipping, especially with high-gloss photographs. Always use a clean, compatible carrier sheet and handle these items with care to achieve high-quality scans while safeguarding your cherished memories.

To enable the Carrier Sheet mode, please following these steps:

1. Carrier Sheet Mode can be enabled/disabled from "Settings > Carrier Sheet Mode".
2. The "Adjustment" (Pre-feed mode) is set to Default. If you experience any issues with the Carrier Sheet feeding, try setting to Minimum or Maximum to optimize the outcome.
3. The Carrier Sheet Mode can also be enabled and/or disabled from the expandable menu located to the right of the "Scan" button above the image viewer. This will provide quick access when scanning a variety of images that may or may not require additional protection.
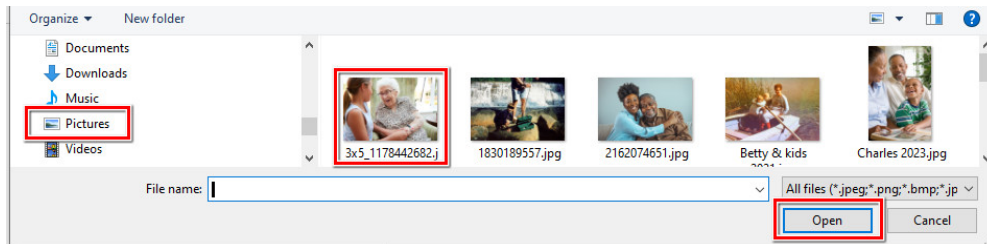
Uploading photos from your computer

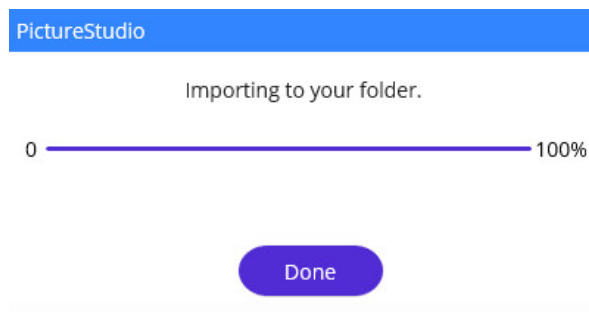1. To upload a photo from your local drive, select "**Upload Photo**".
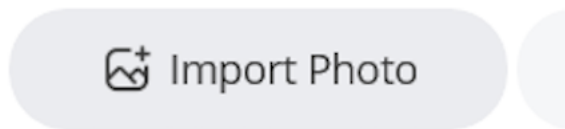
2. Locate the folder and select the photos you wish to import.
3. After selecting the photos you want to import. click "**Open".**

4. After the selected photos are imported, a popup window will appear confirming that the import was successful.
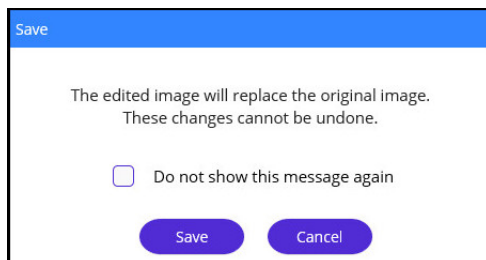
PictureStudio

Importing to your folder.

0 ——————————————— 100%

Done

5. After the import process is complete, click "**Done"**. The photos can be found in your inbox or selected album.

Image Editing

The **Edit Image** panel on the right of the app includes several options for manipulating your photos. You can enhance it, crop it, resize it, and perform many other edits!

Let's explain one feature at a time.

After modifying a photo image, you may see this warning.

Save

The edited image will replace the original image.
These changes cannot be undone.

☐ Do not show this message again

Save   Cancel

Be sure if you want to keep your changes. You can always restore your edited photos by selecting the "restore icon" at the top of the canvas. Alternatively, you have the option of duplicating the image before editing by selecting the thumbnail, right-clicking over the selected image, and selecting "Duplicate" from the menu. A replica of the selected image will be saved in the same folder.

At the bottom of the canvas, in the tool bar you'll see this icon: the Tag Icon.

Add Tag

1. Have your photo selected on the canvas if you wish to add a tag. Click on the "Add tag icon" on the bottom of the canvas. Once clicked, the tool bar will disappear to indicate you are now in Tagging mode.

2. Click on any person or area in the photo and a tagging box will appear to enter a tag name. Click enter to save the tag.
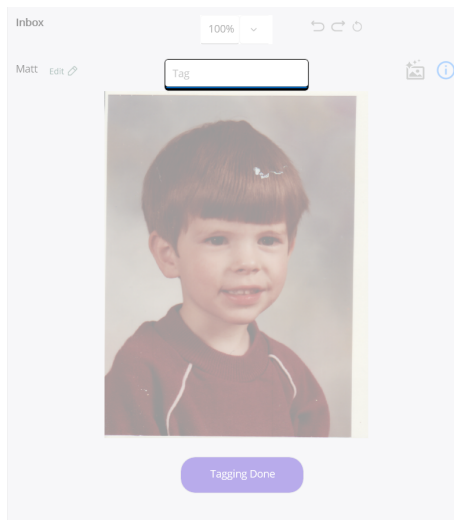
Tags will appear in the area you clicked on the photo.

3. When you have finished tagging your photo, click the "**Tagging Done"** button below the image, then "Done" at the top of the canvas to save all tags and edits.
4. Your photo has been tagged. To see the tags, navigate to the information Icon that appears just above the image on the canvas. These tags are now searchable and can be used to quickly find saved photos.
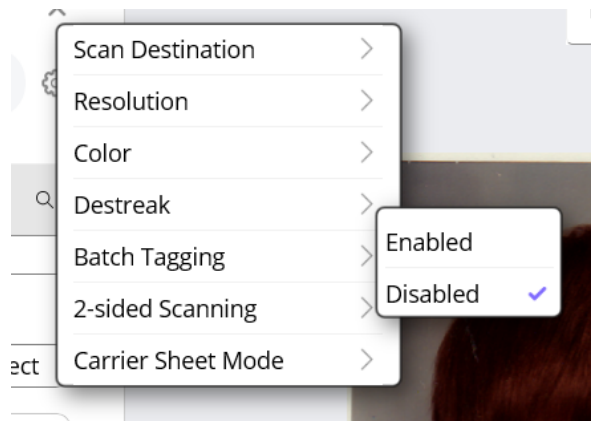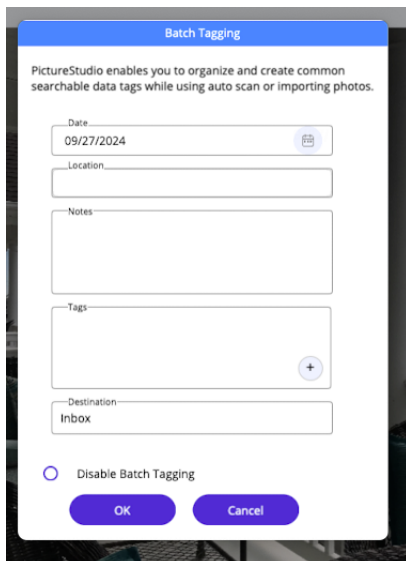

Batch Tagging

Batch Tagging allows users to efficiently add location, date, notes, and tags to a group of scanned photos. This feature enables users to organize their photos by event, location, or other criteria, making it easier to search and retrieve images in the future.

To enable Batch Tagging, go to Settings > Batch Tagging and toggle to enable.

You can also enable or disable Batch Scanning from the Main Screen, by selecting the Gear Icon located next to the Scan button.

Once enabled, an entry box will appear, allowing you to enter your desired information.


Tips for effective Batch Tagging:

- Use consistent keyword or tags to enhance searchability.
- Group photos by events to simplify retrieval.
- Take advantage of the notes section for context that may not fit into tags.

If you would like to disable batch tagging after your import or last scan, select Disable Batch Tagging. To re-enable, use the methods outlined above.
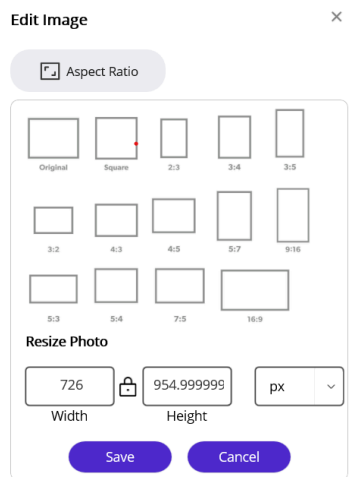
Deleting from Viewer
After clicking a photo in the **Inbox**, **Albums**, or **Favorites** folder, you can remove it from the folder by clicking the **Delete icon located in the canvas tool Bar**.

Aspect Ratio

Edit Image   ×
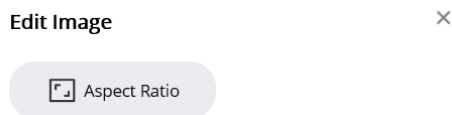
[Aspect Ratio]

1. Clicking **Aspect Ratio** opens a panel of choices.
2. For our example, select **3:2**.

A frame appears around the photo.

If you want to change the field of view, you can do that by manually dragging the *sides* of the square. The selected aspect ratio will be maintained.

3. When satisfied, click "**Save**". The photo saved in the size or aspect ratio.
4. Click "**Done"**

In the "Resize" section of the aspect ratio button, you can change the size of your photo image.
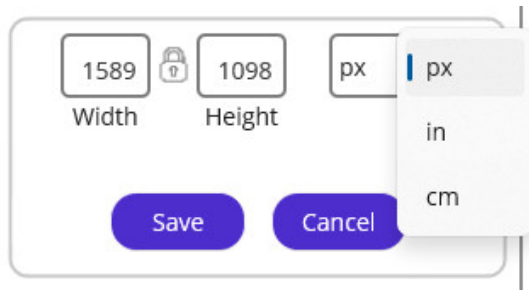

In addition to being able to change the width and height, you can select **px** (pixels), **in** (inches), or **cm** (centimeters) from the dropdown.

1. When satisfied with your changes, click **Save**.
2. Click **Resize Photo** again to collapse the choices.

Tools Panel

The **Tools** panel provides quick access to enhancement features, as well as other tools like filters and boarders. Select **More >** or **< Less** for fewer feature options.
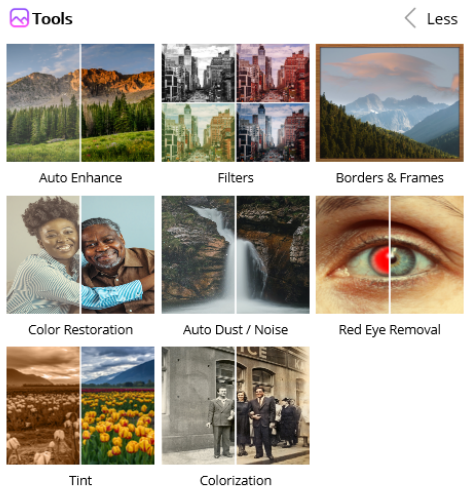
Auto Enhance – Automatically improves the quality of your old photos with a single click.

1. Select a photo image to apply the enhancement.
2. When satisfied, click **Done**.

Filters – Choose from a selection of filters providing various effects to transform the look and feel of your photos.
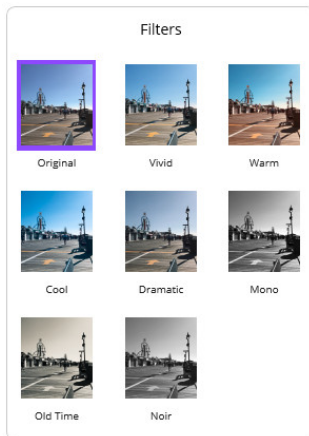
1. Select a photo image from the viewer and apply a filter.
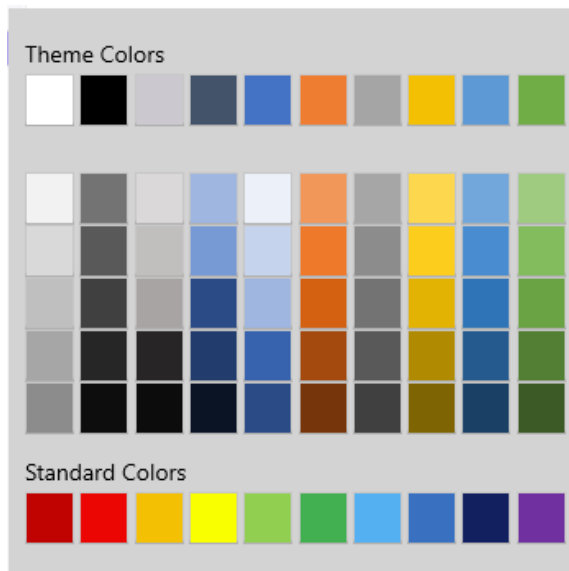2. When you achieve the desired outcome, click **Done**.

Border – Opens a panel for selecting the Thickness, Corner Radius, and Color of the Border you apply.

1. Use the showrs to select the border Thickness and Radius.
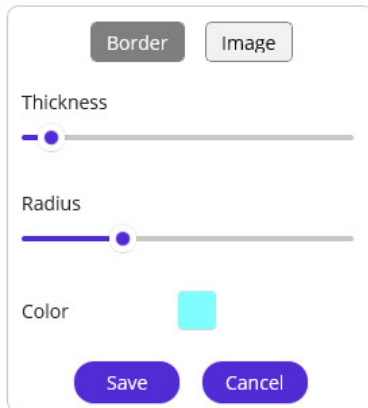
2. Click the colored square to select the Border Color.
   A color gradient box opens.

3. Select the desired border color, then click "Save".

Color Restoration – Can be used to revitalize the colors in faded old photos, making them more vivid.

Auto Dust / Noise – Is designed to remove digital noise and imperfections resulting from dust on old photos.
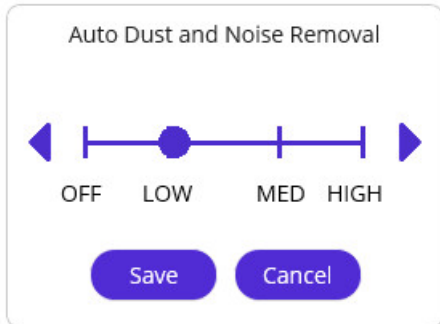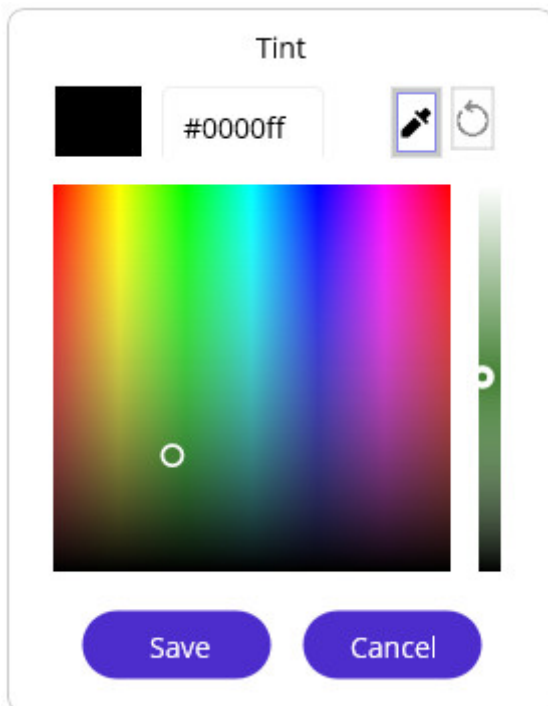

Click the left and right arrows to adjust the amount of correction.

Red Eye Removal – Helps remove the effect of light reflecting from the retina.

Click the filter when needed to remove the effect.

Tint – For special tinting effects.

1. Drag the circle around in the color gradient box until you get the tint you're looking for.
2. Drag the circle in the vertical bar up (lighter) or down (darker) to fine-tune the tint.
3. Use the dropper to select a color from the photo on the canvas.
4. When desired tint is achieved, click "**Save**".

Colorization – Uses AI to analyze tones and infuse color into grayscale photos, revitalizing the details with a palette of colors that will feel as real as the moment they were captured.

1. Click an image to select it.

2. Click the **Colorization** Tool.

PictureStudio

Colorization AI will add a touch of color to your original photo.

If you check duplicate the original, we will automatically create and save a duplicate copy in the same folder to preserve an original copy.

☐ Duplicate the original

Colorize   Cancel
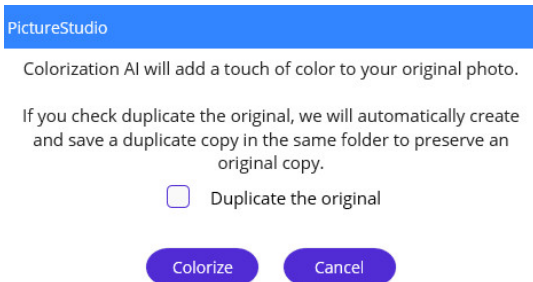
3. Checking **Duplicate the Origina**l, automatically saves a duplicate copy of the original photo.

4. Click "**Colorize", and proceed through the options presented**.

PictureStudio

Depending on the size of your image file and processing speed, this process may take up to several minutes.

A red processing notification icon will appear in the top bar. It will disappear when processing is complete.
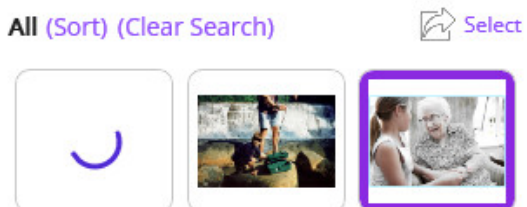
The colorized picture will be in the same folder as the original.

☐ Do not show this message again

Continue   Cancel
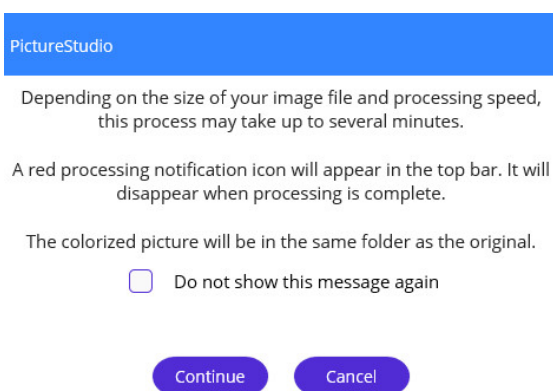
5. Click "**Continue", to begin the colorization process.**

When complete, the colorized photo is added to the original folder.
If "duplicate the original" was selected, the original photo will appear in the same folder alongside the colorized photo.

All (Sort) (Clear Search)   Select

Advance Settings

The Advance Setting panel includes individual slider controls for Exposure, White Balance, Saturation, Brightness, Contrast, Sharpen, Blur, Hue, and Gamma with individual controls for the color channels. The vertical line on each slider indicates the default value, but you can change the settings by dragging the circle along its line.

1. To see more Setting, click **More >**.

2. **Exposure:** Increasing exposure can help bring out aspects in a photo that were originally dark, or hard to see, to be more visible and stand out. The adjustment affects the brightness of the photo without affecting tone. (Helpful tip, when increasing exposure dust may become pronounced in the photo and using the Dust Removal feature after adjusting Exposer will help with image quality!)
3. **White Balance:** This tool adjusts the color in the photo but does so over a limited range. The tool is best for making slight color adjustments to the entire photo
4. **Saturation:** Adjusting the slider to the right increases how much of the color in the photo you want to increase. Helpful to give your photos a more vibrant feel to the

colors. Moving the slider to the left reduces your colors and makes the photo appear gray.

5. **Brightness:** Moving the slider to the right or left will adjust the overall lightness or darkness of a photo. Think about how much light is in the photo, when the slider is moved to the right the photo becomes lighter throughout the whole photo. Moving the slider to the left removes the light and makes the photo darker.

6. **Contrast:** When adjusting the slider to the right this increases the contrast which gives the photo more pronounced brightness. Moving the slider to the left decreases the contrast giving the photo more subtle brightness.

7. **Sharpen:** This setting adjustment allows you to enhance the details and edges of a photo. It helps create a more defined photo and can make your photos pop to look clearer and more refined.

8. **Blur:** This setting creates a blurring effect on a photo. This could be useful to add movement to a photo.

9. **Hue:** This feature is the same as white balance, adjusting the amount of color in a photo, but does so over the full range of colors. Adjusting it left or right, you will experience full color changes from the Red, Green, Blue (RGB) color spectrum.

10. **Gamma:** This is a non-linear contrast adjustment. This is helpful to bring out subtle differences in brightness in photos.

11. After adjusting the various controls to reach a desired outcome, click "**Done" to apply and save**.

Album Creation

When you have a need to create a new album in the viewer, there are several ways to do so, including different functions.

To create a new album, you can import images from the Import button shown above or select pre-existing Images from the inbox.
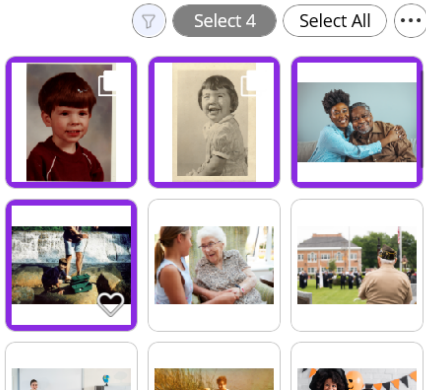
First click the image/s in the viewer and click the more button in the select section above the viewer.

Then click move in the menu, this will then one a second menu for you to create a new album or add the selected photos to preexisting albums listed below.

In the interest of creating a Nested album you can apply the following

Selecting the album tab, selecting an album, right clicking the album, and selecting "Add[1] New Folder.
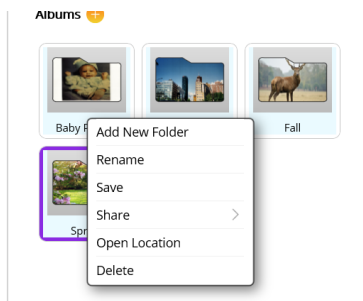
In doing so, you will be prompted to name this new folder.

This folder will now live inside the parent Album. To add images to either folder you can select the images you like and move them to the desired location.

---

[1]

Viewer Selection

Located on the left side of the application and above the viewer you will find the "Viewer Selection" Options.

All

Select   Select All   ...

This section will promote the filtering and selection settings of the images in the viewer below.

When you click the filter Icon ( ) you can filter the images in the viewer below by the following list: All, Photos, Slide Shows, Collages.

These options will alter only the images in the viewer.

When you click the Select button, you will see an extended list of icons. Including a "Select All" button, and "More" Button. The More button includes selection Move , Duplication, save and deletion options. These options (full list shown below) are only affecting the selected images in the viewer.

Full list in order:
- Move
- Duplicate
- Add to Favorites
- Save
- Create
- Delete

Project Center

Transform your photos into stunning visual stores with PictureStudio's Slide Shows and Collages. Effortlessly combine multiple photos into captivating memories. Perfect for sharing memories, celebrating events, or showcasing your creativity.
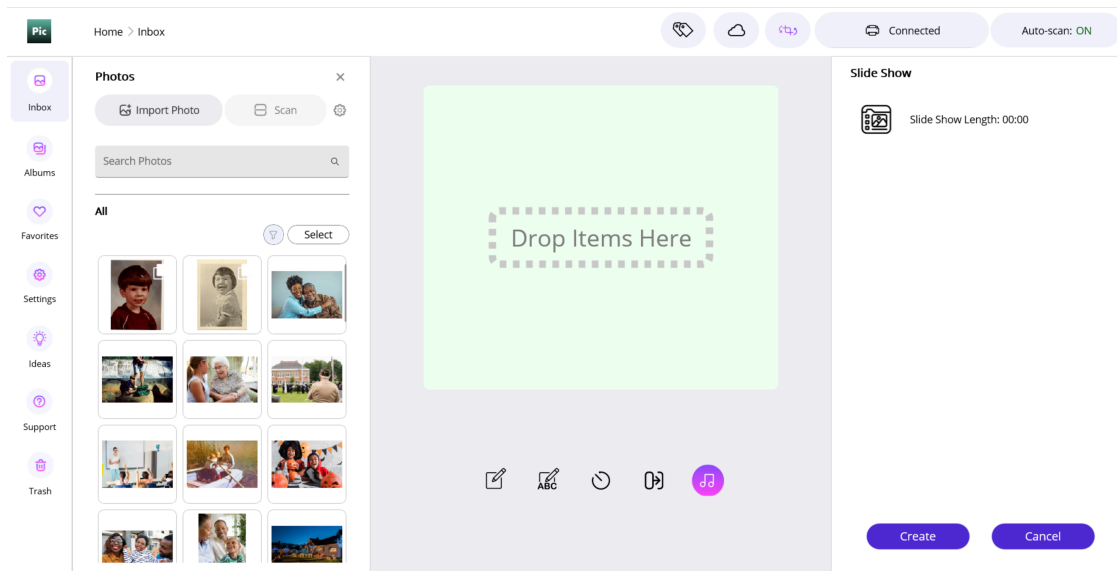
Project Center

Slide Show

Collage
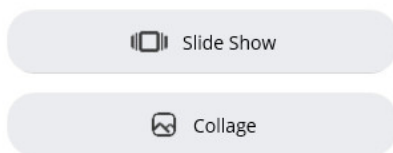
Slide Shows

Bring your photos to life with dynamic slide shows! Easily create engaging presentations with smooth transitions, customizable durations, and captivating effects.

1. Click **Slide Show**.

2. Please select photos for the Slide Show by dragging them from your inbox or albums onto the canvas. The chosen photos will appear in the order they were selected. You can rearrange the order by dragging and dropping images into your desired sequence. Then click the image to edit them by clicking the first icon.
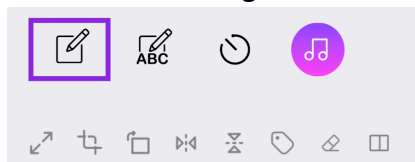
3. To add text to your image, click the "**Add Text**" icon.
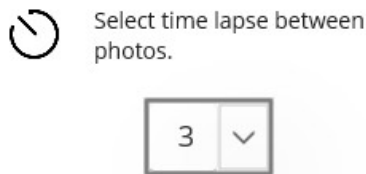

4. An option to change fonts, sizes, and colors is available.
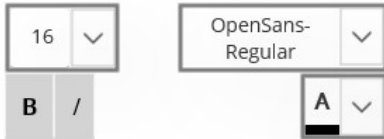
5. After adding and editing text, click "**Done**".
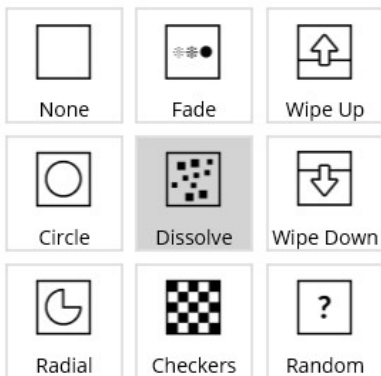Click the Time Lapse icon to set the desired interval between images.

6. Select the time lapse between the photos. (Range: 3 to 60 seconds)

Select time lapse between photos.

7. Select the Transition Type. (Transitions are only available on WINDOWS)

Transition Types

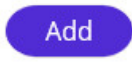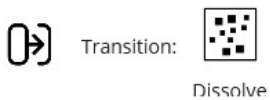| None | Fade | Wipe Up |
| Circle | Dissolve | Wipe Down |
| Radial | Checkers | Random |

8. Add your favorite music track.

9. Click **Add** to find the track on your computer.

Select Music Tracks to Play during Slide Show.

Add

10. After editing your Slide Show, click "**Done**" to review your selected choices.

Slide Show

 Slide Show Length: 00:03

 Time Lapse: 3

 Transition:
Dissolve

 Selected Audio Tracks: !
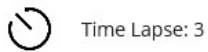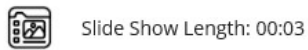
Save Slide Show: Inbox

11. Click "**Create**" to start creating your slide show.

PictureStudio

Video created successfully.

OK
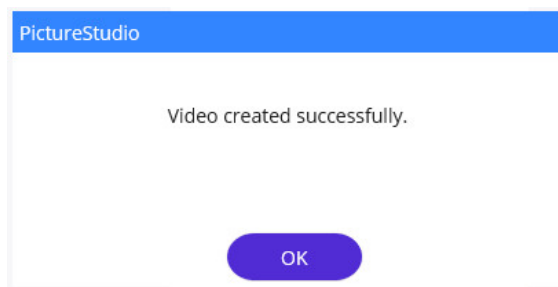
12. When complete, click "**OK**". The completed Slide Show is saved to the Inbox.

Collages

Unleash your creativity by arranging your photos into custom collages. Choose from a variety of templates and effortlessly combine images to tell your story in a single frame. Perfect for uniquely showcasing your favorite moments!

1. Click **Collages**.
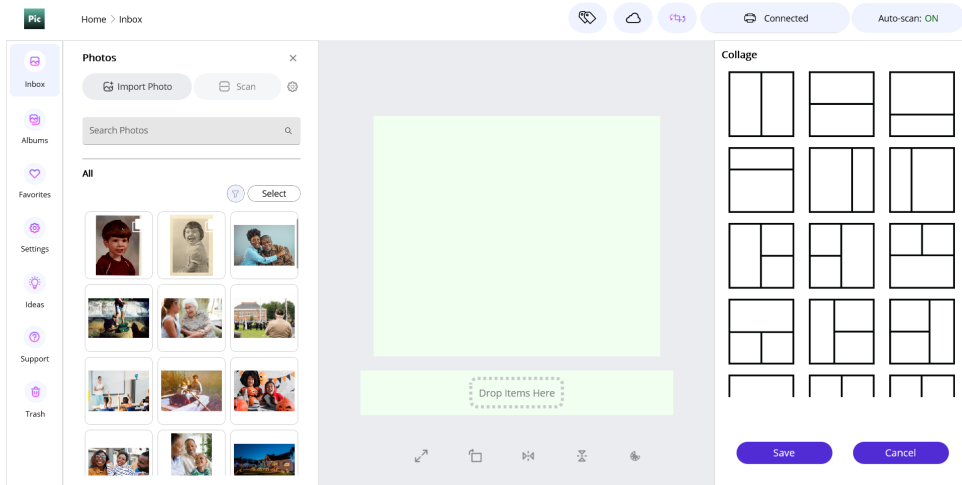
2. Select a desired format.
3. Drag and drop photos selected photos into the collage. Zoom and position each as desired.
4. Select size, then click "**Save**".
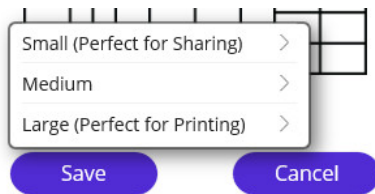
6. Save your photos to the inbox or selected album.

Send and Share Section

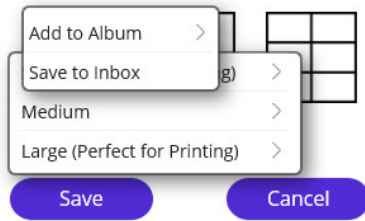The Send and Share section is located on the bottom side of the right panel. This section is designated to provide different formats, and location options to export and send the different Image selected in the canvas.

Export Buttons

Exporting images into different File formats like, JPEG, PNG, BMP, and PDF.

The printing icon will allow you to print the images on the canvas in different ratios for example 4x6 in, 5x7in, or 8x10in.

The sharing icon will provide the option to share the image in many different ways. These are listed in the setting underneath the sharing Section. When enabled these destinations will display in the drop down of the share icon. Examples include Email, Facebook, Google drive, and others.

Breadcrumbs

There are two different types of Breadcrumbs, The first type is to show/display the overall path for the user, and the other acts as an actionable link for you to quickly navigate

back to the most recent place.

On the top left of the page in the global, the user will see the destination of where you are via breadcrumbs. This will dynamically change depending on the different tabs that you click on. This can be in the form of Photo names, Setting titles etc.
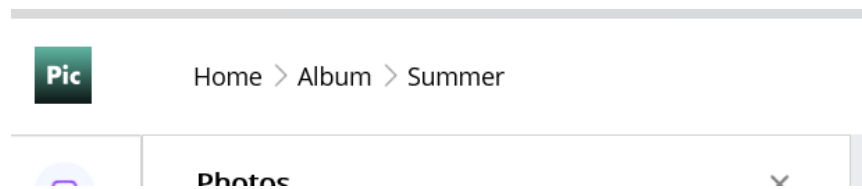
The second set of breadcrumbs are located lower in the viewer. They do not show the entire length of the joinery only the most recent destination. This text link is located above the viewer and is clickable.
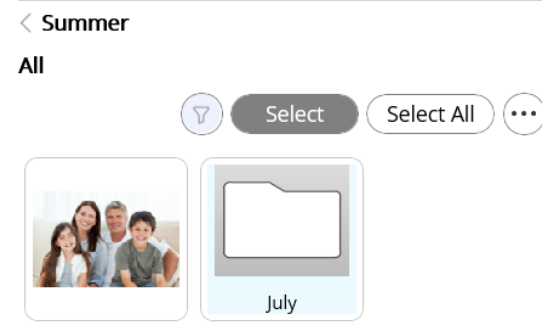
Settings

Click **Settings** to see the comprehensive list of the settings. This information will be important when you have some photos and want to select Scanner Settings, Application Settings, and your Sharing preferences for your photos with friends, social media, and other apps.

Scanner Settings:

This area allows you to customize how your scanner interacts with the application, providing access to specific settings, and tools to clean and calibrate the scanner.

Settings		
Scanner Settings		
File Format		PNG ⌄
Resolution		300DPI ⌄
Scan Color		Color ⌄
Auto Enhance		Disabled ⬤
Auto-scan	Settings	On ⬤
Auto Crop/Deskew		On ⬤
Batch Tagging		Disabled ⬤
Reduce Lines and Streaks		Enabled ⬤
Carrier Sheet Mode	Settings	Disabled ⬤
Calibrate		Calibrate
Clean		Clean

Application Settings:

This section provides control over the app's functionality and user interface, including language preferences and application settings.

Application Settings		
Auto Update	Version Number: 1.2.0.1	Enabled ⬤
Auto Back-up	Settings	Disabled ⬤
Manage Frames		Settings
Language		English ⌄
Date Format		MM/DD/YYYY ⌄
Tool Tips		Enabled ⬤
Reset to Default Settings		Reset
License Key	Active	Deactivate
About Us		Learn More

Sharing:

These options enable you to configure, enable, and disable services that enable you to share photos with friends, family, and social media.

Sharing			
Email		Enabled	⬤
Facebook	Configure	Disabled	◯
Pinterest	Configure	Disabled	◯
Dropbox	Configure	Disabled	◯
Google Drive & Google Photos	Configure	Disabled	◯
Flickr	Configure	Disabled	◯
OneDrive	Logout	Enabled	⬤

Auto Back-up

With our Auto Back-up feature, you can effortlessly save your entire photo library, including all albums, tags, and enhancements. If you ever change or need to replace your computer, restoring all of your precious memories is a breeze. Rest assured, your photos are securely saved, providing peace of mind and safekeeping for all your cherished memories.

To enable, configure OneDrive, iCloud, or Dropbox from the Sharing menu in Settings. One enabled, select "Configure" under Auto Back-up.
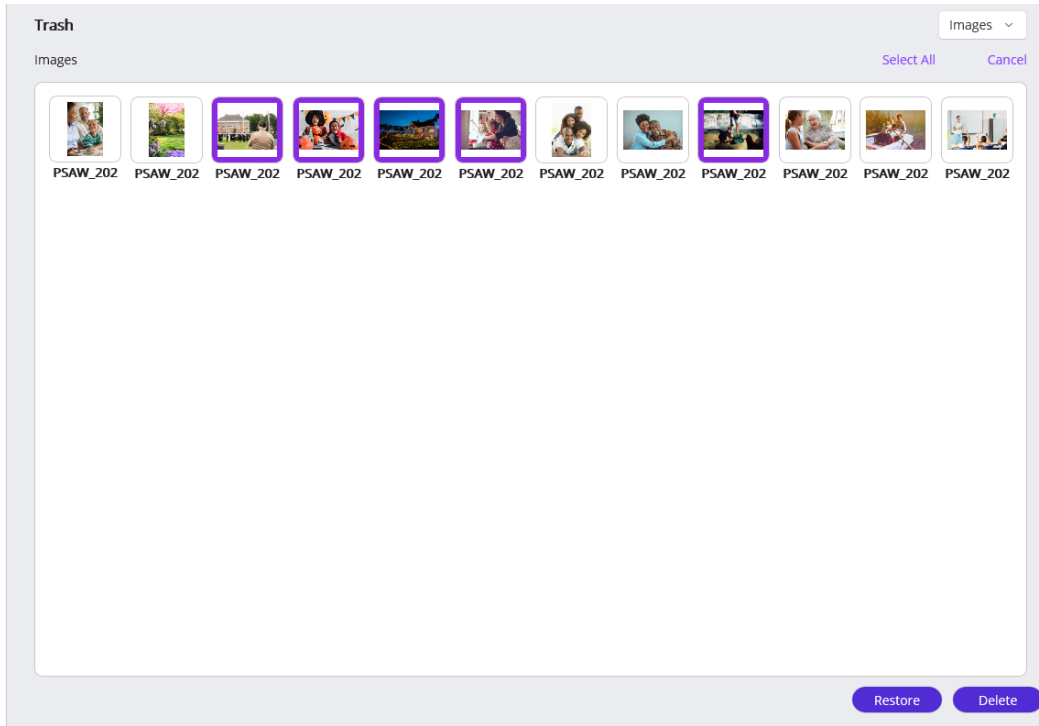
Trash

🗑 The **Trash** folder contains photos you don't want to keep.

Trash

The drop-down on the top right allows you to choose the viewing options from your deleted photos.

If you click on "**Select**" you have the option to restore any photos to their original location where they were deleted. You can also fully **Delete** the selected completely from PictureStudio.

Additional Help:

FAQ's: https://picturestudio.com/faqs/

Support: https://picturestudio.com/support/

Website: https://picturestudio.com/