

Batch It Version 6

Table of Contents

Table of Contents 2

Licensing Information 3

What's New in v6

System Requirements

Licensing Information 6

Version Information 7

Contact Information 11

Application Description 12

Icon Bar

Control Center

Image and Filename Properties

Text Captions and Watermarks Settings

Image Effects and Contact Sheet Printing Settings

Saving Options

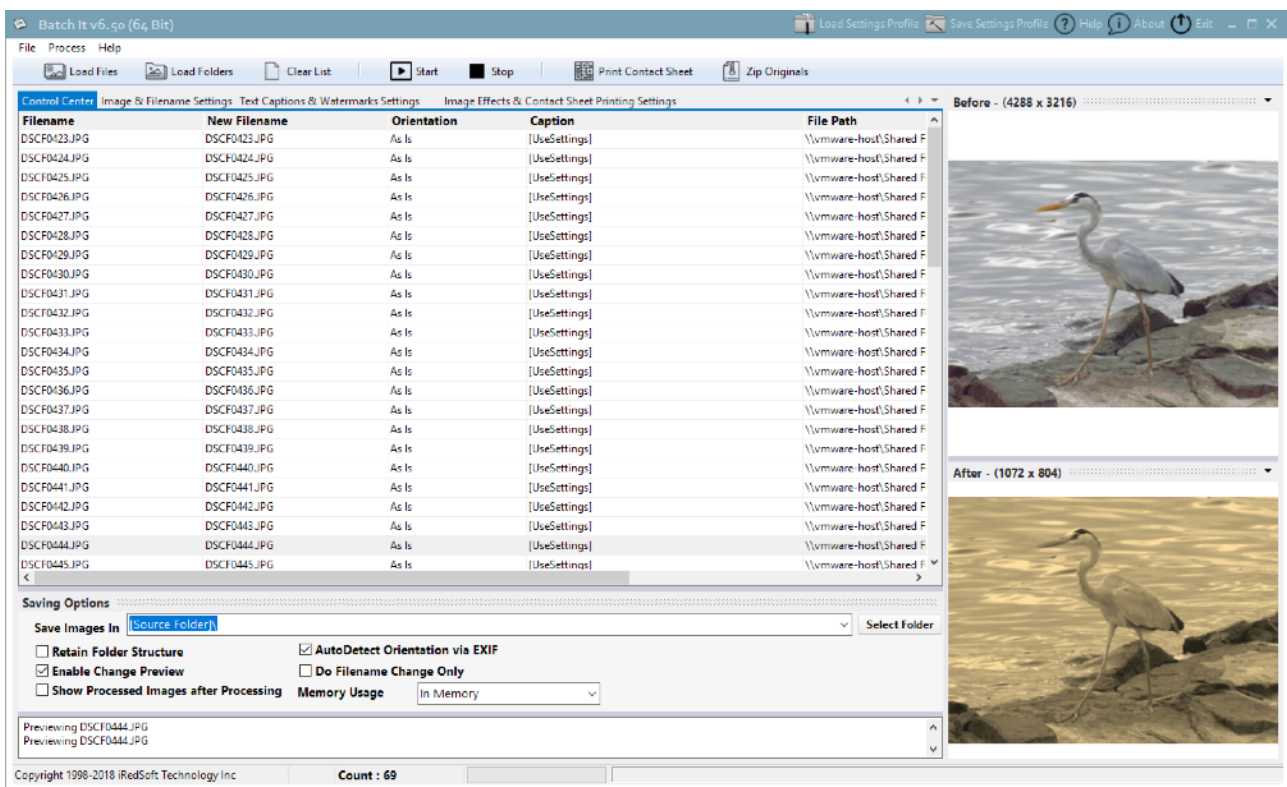
Additional Information 33

Licensing Information

Batch It is a Windows based Batch Image Processor which handles most of the common features required by a modern digital photographer and much more.

Batch It v6 is our sixth major version which we rewrote from bottom up while adopting the best and well used features while incorporating requests from our users over the years to develop the best application that we could while embracing the latest in technology.

Batch It v6 is a major milestone on two fronts, it is the first version we built with Windows 8 and touch controls in mind and also our offering of Batch It which comes in two variant, a 32 Bit and a 64 Bit versions.



The power of Batch It is in its Batch Processing ability, this allows you to perform repetitive mundane task with ease through just a few mouse clicks. This task includes resizing, renaming, adding text captions, apply effects and rotating images, just to name a few.

What's New in v6

- **Both 32 Bit and 64 Bit Support.** The 64 Bit Supports Windows 8 x64, Windows 7 x64 and Windows Vista x64 which allows you to address more than the 4 gigabytes thus allowing you to process large images much faster. On a 32 Bit version, Batch It would use the hard drive to perform the image processing.

- **Windows 8 Touch Friendly Controls.** We removed the Main Menu Controls and included all the controls as large button controls. The decision to redesign the interface is to make Batch It Touch Friendly especially on Windows 8 Notebook with Touch Screen Support and Windows 8 Tablets.
- **Improved Memory Management.** Rewriting the application allows us to strip all the code cluster which allows us to reduce the memory usage and a huge leap in performance and speed.
- **Improved Drag and Drop.** In prior versions, dragging and dropping only supports image files but with v5, you can drag and drop folders too.
- **AutoDetect Orientation via EXIF.** Most modern digital cameras now comes with a digital orientation sensor to record the orientation of the images. With this new feature, Batch It will use this detail in the EXIF header to auto-set the orientation settings in Control Center.
- **Visual Crop Dimension Setting.** In the past, to determine a crop dimension you would need to manually enter the Crop X, Crop Y, Width and Height Properties but beginning from v5, you could do so using the Before Preview Window and select the dimensions visually.
- **Color Space Support.** This function allows you to change the Color Space of the images.
- **ICC Profile Support.** Now included in v6, we support any embedded ICC Profile.
- **Single Page TIFF Reading and Saving Support.** Although this is not a typical image format supported by digital cameras, we included this as it is commonly used platform in the office environment for document digitization.
- **Macro Support in Text Caption.** Included in Batch It for the first time is the support for Macros in the Text Caption which allows you to tag Filename and Date Time to the Text Caption apart from a Static Text Caption.
- **Grayscale JPEG Support.** Batch It v6 now supports generating 8 Bit Grayscale JPEG images.
- **Contact Sheet Printing Support.** Contact Sheet are printed thumbnail galleries of photos which you can distribute or keep as reference.
- **Reworked of the Image Effects Options.** In v6, we separated all the image effects so that allow you to apply more than 1 effect at a time to the images.
- **Old Photo, Negative, Sepia, Grayscale and Equalize Effects Added.** We included several new effects to the arsenal to have spruce up your images.
- **Improved Sepia Effect.** We included a Sepia Saturation slider which allows you to change the tone of the Sepia color.

- **Improved Drop Shadow Effect.** We rewrote Drop Shadow effect which includes the gaussian effect which looks more natural.
- **Improved Text Caption Support.** This allows you to tag on a Text Caption to the images with or without Drop Shadow effect. New support includes fine-tuning the Text Caption Alignment by using an X and Y axis offset.
- **Improved Watermark Support.** This allows you to include a watermark to the images. This version includes an improved transparency support for PNG and GIF images with Alpha Channel, the ability to include drop-shadow effect and the ability to resize watermark on the fly.
- **XML Style Settings Profile File.** We moved the Setting Profile from an INI format to the XML Style. This allows us to store more complex settings information which includes Unicode text.
- **Improved Error Checking.** We included several additional error checking and error handling in the image processing routine which would skip erroneous images without crashing.

System Requirements

Operating System

32 Bit Edition - Windows 10, Windows Vista, Windows 7 (32 Bit & 64 Bit), Windows 8 (32 Bit & 64 Bit)

64 Bit Edition - Windows 10, Windows Vista (64 Bit), Windows 7 (64 Bit) and Windows 8 (64 Bit)

* The 32 Bit Edition would work on all supported 32 Bit or 64 Bit Windows Operating System but the 64 Bit Edition will only work on a 64 Bit Windows Operating System.

Computer Configuration

Any Intel or AMD Based Desktop, Laptop or Tablet with at least 1 gigabyte RAM and 1 gigabyte Free Storage Space.

Batch It **will not work** on computers or tablets running Windows RT.

Licensing Information

Batch It v6 is offered as a “Try-Before-You-Buy” application which permits you to try this application risk-free for a 14 days period to determine if this application meets your needs before purchasing a license.

We understand that it is easy to oversell on the features of an application but after purchasing it, you find that the application is not what is made up to be. We did not feel that is the right approach to selling an application. What we wanted to do is to be able to provide a solution to meet your needs.

Moreover, there are a number of Windows Operating System versions used by millions of computers running on different configuration which bring about the possibility that our application may not be optimized or function as it should on a small percentage of these computers. Allowing you to test run our application would isolate this situation before you part with your hard-earned money.

Once you are satisfied with the trial version, you may proceed to purchasing a license to this application through the order link hosted on our website at <http://www.batchimage.com/registration>.

The Standard Retail Price of Batch It v6 is US\$26.95 . The FastSpring order link provides you to order via several methods including secured credit card and paypal. It may translate the prices to your currency for your convenience.

Upon purchasing a license through FastSpring , you would receive an email which includes your registration details within an hour of a successful purchase. If you do not receive the email, please check your spam folder as it may have ended there. If it is not available, please contact us at sales@batchimage.com with the information you used to register (excluding the credit card details).

Our license is based on a named user which means that it is to be exclusively used by the named user. You may install this application and apply the registration keys on up to 3 computers provided that you are the exclusive user. You would be required to purchase additional licenses if this application is used by more than one person.

The license key grants you to right to use either the 32 bit or 64 bit version of this application or both.

You will be entitled to all minor v6.x updates. This will contain feature updates and/or bug fixes. You will be entitled to a discount to any major upgrades.

Do check our website regularly for any updates. All you need to do is to download the latest version and install it over your current installation.

Version Information

- v6.0
 - Initial Release
- v6.01
 - Added Drop Shadow Size, Drop Shadow X Offset, Drop Shadow Y Offset, Drop Shadow Color, Drop Shadow Opacity and Drop Shadow Background Color
- v6.02
 - Reworked the Downsize by Pixel routine which causes the ratio aspect not to be respected and in some cases, freezes the application
- v6.03
 - Fix Bug which causes the “Retain Folder Structure” not to work when the “Save Images In” option is set to a fixed folder path
- v6.04
 - Fix Bug which causes the “Retain Folder Structure” not to work when Use FileName Changer Only
- v6.05
 - Improved Memory Management
- v6.06
 - Fix Bug which causes the processed images not to be saved
- v6.07
 - Fix Bug which causes the Load Profile not to load the settings
- v6.08
 - Enable Manual Entry of Font Size
- v6.09
 - Move Application of Drop Shadow Effect to the Last Effect to the added to the images
- v6.10
 - Fix Upsize by Pixel bug which causes the Minimum Set Dimensions not to be respected
- v6.11
 - Fixed Bug which causes an “Out of Bound” error when images are dragged and dropped to the application.
 - Updated Imaging Engine
- v6.12
 - Update Resize By Frame method
- v6.14
 - Fixed Bug which affects a small number of GIF images when converting to JPEG or PNG.
- v6.15
 - Fixed Bug which causes some checkbox not saved
- v6.16
 - Updated Imaging Engine
- v6.17
 - Updated Imaging Engine
 - Fixed Bug which prevents Full Screen Preview for the After Preview Windows
 - Resize Watermark to match dimension of image if the Watermark dimension is larger.

- v6.18
 - Updated Imaging Engine
 - Fixed Bug which causes the watermark to replace the original image
 - Reworked the User Interface to support the new compiler
 - Removed the Changing of Theme Option
 - Improved Memory Management
- v6.19
 - Fixes a bug which caused the application to crash when Resize By Frame is used and either the Frame Width or Height is set to 0
 - Fixed a bug which caused the image to use the resized dimensions instead of the frame dimensions when Resize by Frame is used
 - Fixed bug which causes the wrong file dimension to show when previewing changes by double clicking on the images
- v6.20
 - Fixed bug which causes the Resizing Method to switch to “By Frame” when the Crop Dimensions are selected
 - Fixed bug which causes incorrect Width and Height Dimensions to be set
 - Fixed bug which causes the By Cropping method not to crop with the right dimensions
- v6.21
 - Updated Imaging Engine
- v6.22
 - Change Interface Theme to Match Windows 10 interface
 - Fixed bug which causes the Smart Replace to be case sensitive
- v6.23
 - Remove theming for the Dialogs
- v6.24
 - Updated theming engine
- v6.25
 - Fixed Bug which causes Icons in the Toolbar to degrade
 - Updated Memory Management System
- v6.26
 - Replace Code Signing Certificate
- v6.27
 - Fixed PNG Transparency Bug
- v6.28
 - Fixed Filename Changer Only bug which causes the files not to be saved when Retain Folder Structure is unchecked
- v6.29
 - Fixed Intermittent bug which may cause the Toolbar Icon to degrade
- v6.30
 - Improved Loading Pictures function. Prevent crashes if the photo is faulty

- v6.31
 - Fixed memory leak when using the dialog and internal code optimisation
- v6.32
 - Fixed Bug which causes any file to be dragged into the Control Center's File Listing
 - Updated Imaging Engine
- v6.33
 - Improve Performance for Image Preview
 - Switch Preview Photos from a Double Click to a Single Click
 - Supports using arrow keys within the File Listing to Preview Photos
 - Improved Imaging Engine
- v6.34
 - Fixed issue caused by v6.33 which had the images downsized at preview and processed at 1/8th of the original file dimensions
- v6.35
 - Code Optimisation
- v6.36
 - Fixed Bug when PNG Compression is set to above 95 which causes it not to be saved
- v6.37
 - Minor Updates
- v6.38
 - Updated Imaging Engine
- v6.39
 - Fixed an issue caused by the latest Windows update which prevented the app from running
- v6.40
 - Fixed an issue where the original JPEG compression cannot be calculated causing a Division by Zero error
- v6.41
 - Fixed a bug caused by the latest Windows which prevented the app from launching
- v6.42
 - Improved Loading of Big List. Instead of updating the list after it is loaded, the file list would be updated on a regular interval
- v6.43
 - Compiler Upgrade
 - Reworked Template and Registry Loading and Saving Mechanism
 - Fixed issue when settings entry not saved when cursor is in that entry when loading or saving new template.
- v6.44
 - Fixed an issue with the Percentage Settings not loading the last used entry at start up
- v6.45
 - Fixed a bug which causes the Save In Folder entry not to be saved

- v6.46
 - Improved Preview Speed for JPEG.

- v6.50
 - Updated User Interface
 - Internal Updates

Contact Information

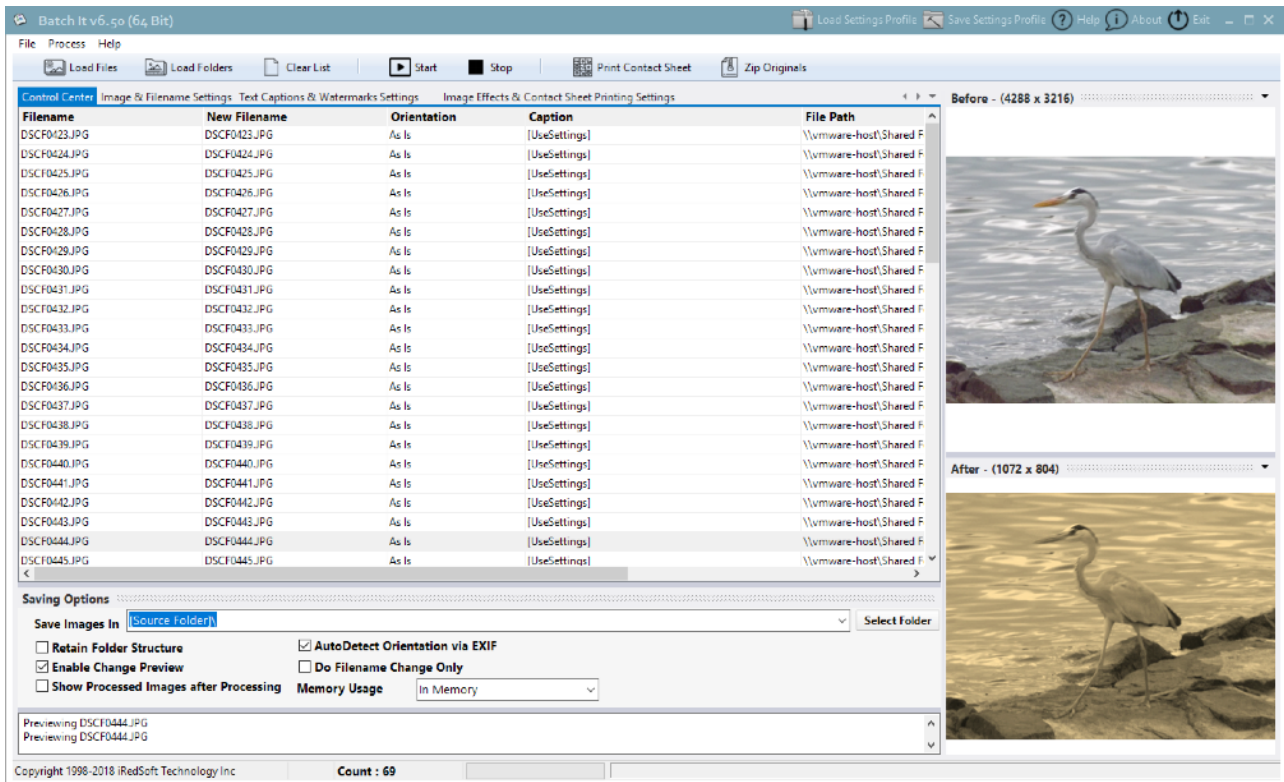
We value your comments, suggestions, bug reports as that would enable us to enhance and improve our application. Our goal would be to develop the best fit application to simplify your task. We will respond within 24 hours (normally less).

For all technical support, please contact us at support@batchimage.com .

For all sales support, please contact us at sales@batchimage.com .

As we do offer several applications for sales on both the Windows and Mac platform, to allow us to assist you, please do provide as much information as possible and do include the application name and version.

Application Description



When you launch the application, you would be greeted with the above screen, Control Center.

There are 6 core parts to the interface, the icon bar (on the top), Control Center/ Image and Filename Properties, Text Captions & Watermarks Settings, Image Effects & Contact Sheet Print Settings tab, Saving Options (at the bottom), Before and After Preview (on the right).

We will look at all the various components to the interface in details very soon.

- **Icon Bar** - This contains all the controls to Load and Start the batch image processing.
- **Control Center** - This contains the list of image files to be processed.
- **Image and Filename Settings** - This contains settings to determine how you want to process the images including resizing and filename properties.
- **Text Captions & Watermarks Settings** - This contains settings which allows you to add Text Caption and Watermarks (Graphic) to your images.
- **Image Effects & Contact Sheet Print Settings** - Image Effects allows you to add the “Wow” to your images while the Contact Sheet Print Settings allows you to define the printing of a gallery thumbnails of the images you have included in the list.

- **Saving Options** - This includes settings on where you want to save the processed images in and other miscellaneous settings.
- **Before and After Preview** - This includes the thumbnails of the images which is being processed.

Icon Bar



- **Load Files** - This button would allow you to select image files to be included to the Control Center's file list. You will be able to selectively pick which images you want to include.
- **Load Folders** - This button will allow you to pick a folder of images to be included to the file list. You will be prompted if you want to include all sub-folder recursively too.
- **Clear List** - This button will allow you to clear the file list including both the Before and After Preview Windows.
- **Start** - Once you loaded on the files to the list and are happy with the Settings, clicking the Start Button will get the ball rolling where it would go through all the images and applying the settings to the images. Depending on the settings, you can use this to just merely renamed your images.
- **Stop** - There are times in which you may want to stop the entire image process in order to change some settings, the Stop button enables you to do so. To prevent any data corruption, any image currently being processed would be saved before the process get terminated.
- **Zip Originals** - This button would allow you to add all the images on the list to a zip file.
- **Print Contact Sheet** - This option allows you to use all the images on your list to generate a printable contact list of your images without going through any image processing.
- **Load Settings Profile** - This allows you to load the XML Style Settings Profile file. The Settings Profile contains all the settings used in the application.
- **Save Settings Profile** - This allows you to save the currently used settings into a XML Style Settings profile file.
- **Help** - This button will bring up this PDF based Help File.
- **About** - This will bring up the About Window.
- **Exit** - This button will save all the setting used in the System Registry before exiting from the application.

Control Center

Control Center		Settings	
Filename	New Filename	Orientation	Caption
DSCF5070.JPG	DSCF5070.JPG	As Is	[UseSettings]
DSCF5071.JPG	DSCF5071.JPG	As Is	[UseSettings]
DSCF5072.JPG	DSCF5072.JPG	As Is	[UseSettings]
DSCF5073.JPG	DSCF5073.JPG	Rotate 90° Counter-Clock...	[UseSettings]
DSCF5074.JPG	DSCF5074.JPG	Rotate 90° Counter-Clock...	[UseSettings]
DSCF5075.JPG	DSCF5075.JPG	As Is	[UseSettings]
DSCF5076.JPG	DSCF5076.JPG	As Is	[UseSettings]
DSCF5077.JPG	DSCF5077.JPG	As Is	[UseSettings]
DSCF5078.JPG	DSCF5078.JPG	Rotate 90° Counter-Clock...	[UseSettings]
DSCF5079.JPG	DSCF5079.JPG	As Is	[UseSettings]

The Control Center form is the main part of the application which contains the image filenames that you want to process.

There are several things you can do with the Control Center.

- **Drag and Drop** - You could grab a list of image filenames from the Windows Explorer and drop it to the Control Center File Listing. This will include the images to the file list. If you include folder names, it will include all supported images in the folders to the list.
- **Previewing Images** - If you double-click on the filename, Batch It would load up a thumbnail image in the Before Preview Window.
- **Manually Changing the Image Orientation** - By clicking in the Orientation column, you will be prompted with a dropbox of image orientation options.
- **Delete Image** - Highlight the image which you want to delete and do a right-mouse click (or bring up the contextual menu) and select Delete. If you select several images, only the first one would be deleted.
- **Mass Changing of Image Orientation of All Images** - Bring up the Contextual Menu within the File Listing and selecting the Orientation Option under “Set All Orientation To” option.
- **Doing Selective Image Orientation Change** - Select the images which you want to change the orientation and bring up the Contextual Menu and select any Orientation Option under “Set Selective Orientation To” option.
- **Manually Changing the Individual Image Text Caption** - In the Control Center, you could set individual text caption for each of the images or use the text caption macro.
- **Mass Changing of the Image Text Caption** - In the Control Center, you could use the Contextual Menu to change all the text caption to a predefined type or use the Settings Option for a static text caption.
- **Manually Change the filenames of the images** - You can do so by editing the New Filename column to adjust the filenames of the images.

- **Sorting List in Alphabetical Order** - If you click on the “Filename” header, it will toggle the sorting of the filenames on the list either in Ascending or Descending order.
- **Individual Sorting within the List** - Select a filename on the list and while holding the left mouse button down, you can move this filename to anywhere in the list. You will see a red guiding line which would be where the filename would be moved to. Just release the mouse button to move the filename. The sorting may be useful when you want to rename the files using the running number.

Image and Filename Properties

In this tab, there is two Settings Options, Image Settings and Filename Properties. To apply changing to the settings, you need to click into the relevant columns to bring up the editor, ie drop down box, text or color selection.

Image Settings

Image & Filename Settings	
Image Format	PNG
Resizing Method	1/3x
Percentage (%)	100
Width	0
Height	0
Crop X Axis	0
Crop Y Axis	0
Keep Dimension Ratio Aspect	<input type="checkbox"/>
Swap Dimensions if Portrait Image	<input type="checkbox"/>
Frame Color	 #000000
Resampling Method	Lanczos3
Color Depth	24 Bits
Color Space	As Is
JPEG/PNG Quality (%)	75
JPEG Smoothing (%)	0
JPEG Huffman Compression	<input checked="" type="checkbox"/>
Progressive JPEG	<input checked="" type="checkbox"/>
TIFF Compression	Packbits
Retain EXIF Header	<input checked="" type="checkbox"/>
Retain IPTC Header	<input checked="" type="checkbox"/>
Dots Per Inch (DPI)	As Is
Set Background Color (From PNG/GIF)	<input type="checkbox"/>
Background Color	 #FFCCBB

- **Image Format** - The supported options are As Is, JPEG, PNG, BMP, GIF, TIFF and JPEG 2000. The processed images would retain its current image format when “As Is” is selected.
- **Resizing Method** - The supported options are As Is, Downsize by Pixels. Upsize by Pixels. By Percentage, By Cropping, By Frame, 1/4x, 1/3x, 1/2x, 2/3x, 3/4x, 1 1/2x, 2x.
- **Percentage** - This option is used by “By Percentage” to determine the image size. The application will calculate the width and height to the nearest whole pixel.
- **Width and Height** - This is the dimensions in pixels. When either dimension is set as “0”, the actual image dimension would be used.
- **Crop X Axis** - This is the left most point when cropping
- **Crop Y Axis** - This is the top most point when cropping

- **Keep Dimension Ratio Aspect** - When this option is selected, the Ratio Aspect is respected when using the “Downsize By Pixels” or “Upsize By Pixels”.
- **Swap Dimensions if Portrait Image** - Typically when determining width and height, Batch It will treat each image as landscape and takes the horizontal axis as width and the vertical axis as height. However, if you want the application to treat the longest dimension as width, check this option.
- **Frame Color** - This determines the background color when “By Frame” is selected.

Here is the list of settings relevant to the resizing method

Resizing Method	Settings Used	Remarks
As Is	None	No Resizing Performed
Downsize By Pixels	Width, Height, Keep Dimension Ratio Aspect, Swap Dimensions if Portrait Image	The Width and Height is used to set the Maximum Image Dimensions
Upsize By Pixels	Width, Height, Keep Dimension Ratio Aspect, Swap Dimensions if Portrait Image	The Width and Height is used to set the Minimum Image Dimensions
By Percentage	Percentage (%)	
By Cropping	Width, Height, Crop X Axis, Crop Y Axis	You could set all the settings visually by creating the dimension in the Before Preview Windows and using the Contextual Menu to set the Dimensions in Settings
By Frame	Width, Height, Frame Color	The Width and Height sets the frame of the images where the image would be resized with ratio aspect and any dimensions which is smaller would be padded
1/4x, 1/3x, 1/2x, 2/3x, 3/4x, 1 1/2x, 2x	None	

- **Resampling Method** - There are various resampling method being offered. Using Lanczos3 will provide the best resampling results but is the slowest. None would offer the fastest but rough resampling method. Experiment between the options to determine what would suit your images.
- **Color Depth** - Set the number of colors to be used in the images. JPEG images are typically 24 bit color images and when you set the Color Depth, the application would visually reduce the number of colors but still save them as 24 bit JPEG images.

- **Color Space** - For JPEG and JPEG 2000 images, setting the Color Space to “Gray Scale” would generate a Grayscale image.
- **JPEG/PNG Quality (%)** - When the application loads the images, the resultant image would be considered a new image. When you set this option to “100%”, the application will attempt to replicate the same quality used by the original images. Based on our experience, a JPEG Quality of between 75 to 80% would yield the best file size/quality ratio in which you would not see any visible drop in quality. This settings is being used in JPEG, JPEG 2000 and PNG images.
- **JPEG Smoothing (%)** - When you apply a low JPEG Quality to an image, you would inevitably see jagged edges or JPEG artifact appeared in the picture especially between contrasting colors. Applying JPEG Smoothing is like applying a blurring between that JPEG artifact. This would help to a certain extend but if possible keep JPEG Smoothing from between 0 to 5%.
- **JPEG Huffman Compression** - The Huffman Compression is a complicated mathematical formula used in optimizing the JPEG files by finding the most efficient method of grouping and sorting internal data. Enabling this option may result in a more efficient usage of file space.
- **Progressive JPEG** - Typically, a JPEG image would fully load on a computer before it is displayed which is not an issue if you are viewing the images on a local computer or over a fast internet connection. However if the JPEG image is huge, it could take some time to be completely loaded over the internet on a web browser and by enabling this option would allow the web browser to progressively display the picture while it gets loaded.
- **TIFF Compression** - This provides several options for compressing a TIFF file. The G3 and G4 compressions are typically used for black and white tiff files as these were standard used by fax machines. LZW and Packbits are commonly used compression algorithm used for color pictures. The JPEG format v7 is lesser used format and may not be supported on all viewers.
- **Retain EXIF Header** - The EXIF Header is used mainly by digital camera to store camera settings used in taking the picture and may contain also include a thumbnail of the JPEG photos. This header does add up several kilobytes to the file size. If you require a smaller file size especially when merely generating thumbnails, unchecking this option would inevitably reduce the file size by about 15 to 20 kilobytes depending on the details stored.
- **Retain IPTC Header** - In the Press World, photos may embed story headlines, text and other details pertaining to the photos. It makes for a great way of storing information. However, this header is typically not being used on standard cameras or the general public.
- **Dots Per Inch (DPI)** - In the past, Dots Per Inch was an important information which determines the actual print or display dimensions in a desktop publisher or printer. In today’s contexts, this is very rarely as model printers have their own interpolation algorithm to size images for print. Display devices now rely on the Width and Height in Pixels to display the images.
- **Set Background Color (From PNG/GIF) / Background Color** - Both PNG and GIF Images allows you to set a background color which would then appear as

“transparent”. By enabling this option and setting the Background Color, the PNG and GIF images saved would use this color as the transparent background color to be transparent.

Filename Changer

Filename Changer	
Enable Filename Changer	<input type="checkbox"/>
Prefix	good_
Suffix	
Restart Number At Each Run	<input type="checkbox"/>
Start Number	112
Number of Digits	4
Case Option	As Is
Add Prefix and Suffix Only	<input type="checkbox"/>
Smart Replace	<input type="checkbox"/>
Replace From	
Replace With	
Retain Original Date/Time Stamp	<input type="checkbox"/>
Overwrite Files	<input type="checkbox"/>

The Filename Changer allows you to batch rename the images to your own defined prefix and suffix with a running number option to make it more descriptive and relevant compared to what the digital camera would generate.

- **Enable Filename Changer** - Checking this option would enable this option otherwise the images would retained the original filenames (with the file extension change if there is a change of image format).

If you want to maintain the filenames which you have manually adjusted in the New Filename Column in the Control Center, you would need to disable this option otherwise they will be replaced by the running number generated by the Filename Changer.

- **Prefix** - This tags on the beginning characters, word or phrase to the filename.
- **Suffix** - This tags on the ending characters, word or phrase to the filename.
- **Restart Number at Each Run** - If this option is checked, each time you run Filename Changer, the first image will start with the stated Start Number. However if you want the number to be reflect the last processed image number + 1, check this option. The Start Number will then reflect the next number in the new run.
- **Start Number** - This will be the first number to be used for the first filename on the list.
- **Number of Digits** - This determines how to zero pad the numbers used. Setting this option to “4” and a “Start Number” set to “1” will yield the first number as “0001”. If the first number has more digits then the “Number of Digits”, this option would be ignored.

- **Case Option** - There are 5 case options available. Setting it to “As Is” would retain the original character case. The other options are “Lowercase”, “Uppercase”, “File Extension Lowercase Only” and “File Extension Uppercase Only”. The last two options may be useful for deployment of the images to a case-sensitive Operating System like Linux.
- **Add Prefix and Suffix Only** - When this option is checked, the running number is ignored and the Prefix and Suffix (where applicable) would be tagged to the original filename.

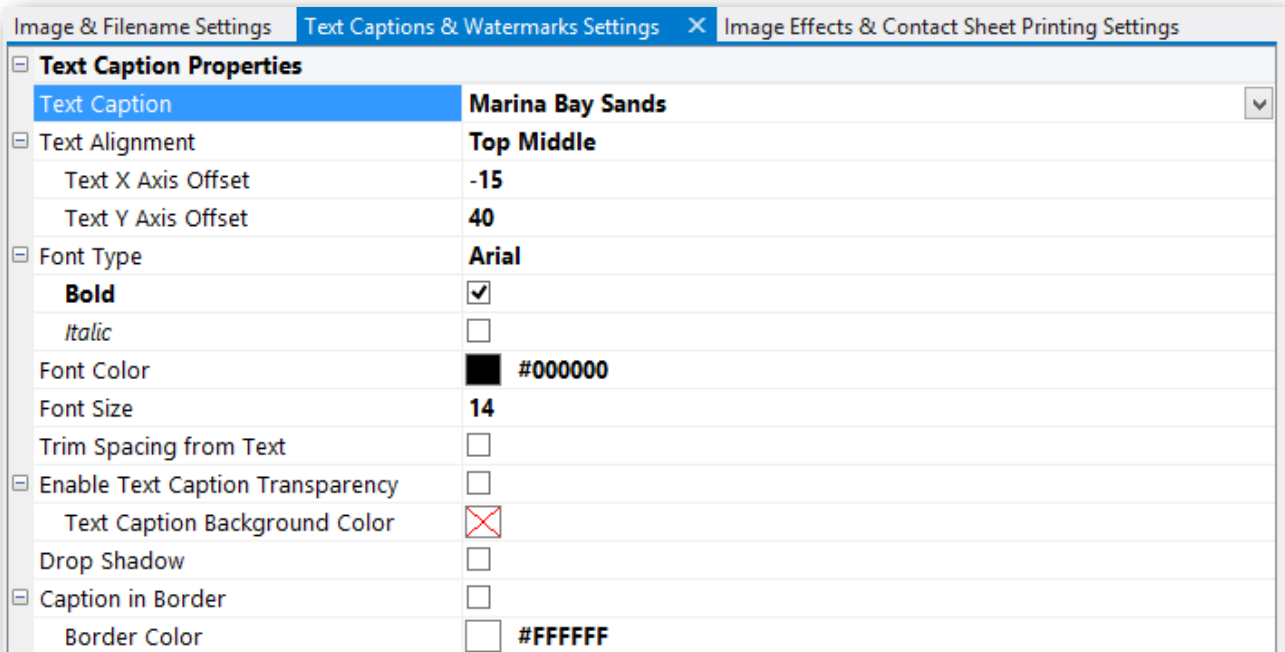
The format for the filename would be Prefix + Number + Suffix + File Extension

- **Smart Replace** - The Smart Replace Option allows you to change certain characters within the file name. When enabled, it would search all instance of “Replace From” to the “Replace With” text option.
- **Retain Original Date/Time Stamp** - When this option is checked, the new processed image would retain the original Modified Date. The Creation Date would still reflect the current date.
- **Overwrite Files** - When enabled, when the “Do Filename Change Only” option is checked, the original files would be deleted if they reside in the same folder as the renamed files. This will not have effect when the “Do Filename Change Only” is unchecked.

Text Captions and Watermarks Settings

This tab contains two sets of controls, the Text Captions and the Watermarks Settings.

Text Caption Properties



Text Caption Properties	
Text Caption	Marina Bay Sands
Text Alignment	Top Middle
Text X Axis Offset	-15
Text Y Axis Offset	40
Font Type	Arial
Bold	<input checked="" type="checkbox"/>
Italic	<input type="checkbox"/>
Font Color	#000000
Font Size	14
Trim Spacing from Text	<input type="checkbox"/>
Enable Text Caption Transparency	<input type="checkbox"/>
Text Caption Background Color	<input type="checkbox"/>
Drop Shadow	<input type="checkbox"/>
Caption in Border	<input type="checkbox"/>
Border Color	#FFFFFF

The Text Caption Properties allows you to add a single line text caption onto the image. This could include a Copyright Tag or Description to the image.

- **Text Caption** - This is the text which would be added to the Image. You could mix and match static text with the supported macros. All captions are inserted as a single line text.

Macro	Description
[UseSettings]	In the Control Center, when this macro is used, it would use the Text Caption option from this Settings tab.
[Filename]	This macro would insert the New Filename of the image without the file path into the text caption.
[FilenameNoExt]	This will add the New Filename without its file extension.
[OrgFilename]	This will add the Original Filename as the text caption.
[OrgFilenameNoExt]	This will add the Original Filename without its File Extension as the text caption.
[Date]	This will insert the Short Date based on your computer's set Locale. This will extract the EXIF Original Date Time and if it is not found, it will use the File Date.

Macro	Description
[DateTime]	This will insert the Short Date and Time based on the computer's locale. This will also be extracted from the EXIF Original Date Time and if that is not found, it will use the File Date.

- **Text Alignment** - When the “Text Alignment” is set to “None”, no text caption is added.

Text Alignment	Description
None	No text caption is added to the image.
Top Left	The Text Caption would be added to the Top Left Corner of the image.
Top Middle	The Text Caption will be aligned to the Top Middle of the image.
Top Right	The Text Caption would be added to the Top Right Corner of the image.
Center Left	The Text Caption would be added to the Middle Left of the image.
Center Middle	The Text Caption would added to the center of the image.
Center Right	The Text Caption would be aligned to the center right of the image.
Bottom Left	The Text Caption would be added to the Bottom Left of the image.
Bottom Middle	The Text Caption would be added to the Bottom Center of the image.
Bottom Right	The Text Caption would be added to the Bottom Right of the image.
Vertical Left BottomUp	The Text Caption would be added vertically on the left side of the image from the bottom upwards.
Vertical Left TopDown	The Text Caption would be added vertically on the left side of the image from the top downwards.
Vertical Right BottomUp	The Text Caption would be aligned vertically on the right side of the image from the bottom upwards.
Vertical Right TopDown	The Text Caption would be aligned vertically on the right side of the image from the top downwards.
Random	This would randomly placed the text caption either on the Top Left, Top Middle, Top Right, Center Left, Center Middle, Center Right, Bottom Left, Bottom Middle or Bottom Right of the image.

Text Alignment	Description
Random Corners	This would add the text caption either on the Top Left, Top Right, Bottom Left or Bottom Right of the image.

- **Text X Axis Offset** - Batch It uses precise calculation as to determine the horizontal alignment of the text, you could use this setting to nudge the text caption by inputting the number of pixels you want it to shift. A negative number will bring the text towards the left and a positive one would bring it to the right.

- **Text Y Axis Offset** - As with the Text Y Axis Offset, you can make adjustments to the vertical alignment of the text. A negative number will bring the text upwards and a positive one would bring it downwards.

If the offsets applied will nudge the text off-screen, it would not appear.

- **Font Type** - This is the font which would be used for the Text Caption. This list would be gathered from the installed Fonts on your computer. It is recommended to use either a True Type Font or Clear Type Font.

- **Bold** - Bold the Text Caption

- **Italic** - Apply Italic to the Text Caption

- **Font Color** - Set the Font Color

- **Font Size** - The Font Size in Pixel used for the Text Caption. You may use the recommended font size in the drop down menu which are optimized for anti-aliasing or you may manually enter a font size in numbers into this entry.

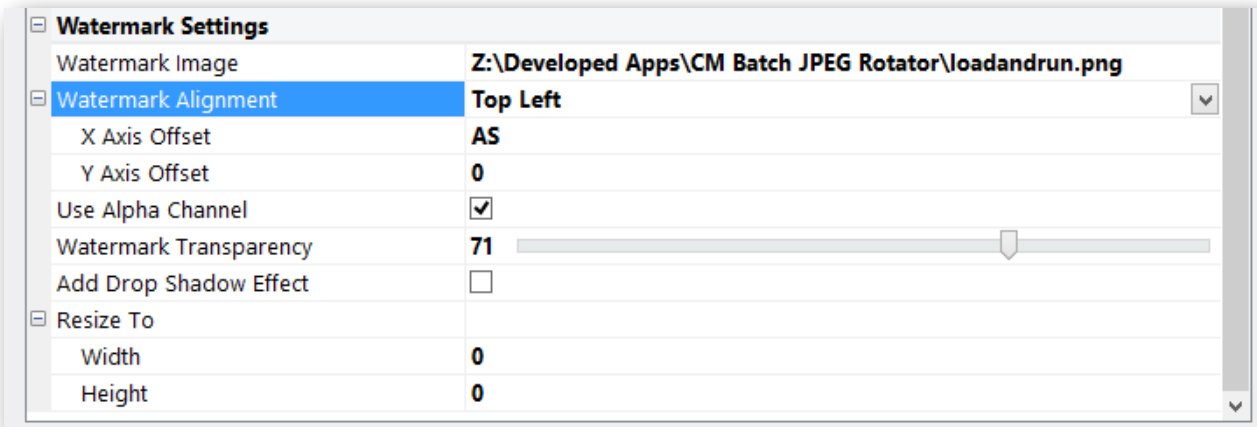
- **Trim Spacing from Text** - When this is enabled, all white spaces in front or behind the text caption would be removed.

- **Drop Shadow** - Apply Drop Shadow to the Text Caption.

- **Caption in Border** - With this option checked, a border on the side of where the caption would be aligned would be created and the text caption would reside on that border. This option would work on all Top, Bottom and Vertical alignments.

- **Border Color** - The Border Color would be the color of the border when the Caption in Border is checked.

Watermark Settings



A Watermark is a Picture File which can be used to overlay into the images. Batch It supports JPEG, PNG, TIFF, BMP and GIF Image Format. However if you require a transparent background, it would be recommended to use PNG or GIF format with an alpha channel. An Alpha Channel is the preset color which would be deemed as background and would be erased from the picture prior to viewing. Only PNG and GIF supports that option. Other image formats can be used but you will see a rectangle frame around the watermark.

- **Watermark Image** - This is the image which would be used as the watermark to be overlaid to the image.
- **Watermark Alignment** - Like the text caption option, you are offered a variety of alignment options which includes Top Left, Top Middle, Top Right, Center Left, Center Middle, Center Right, Bottom Left, Bottom Middle, Bottom Right, Random and Random Corners.
- **X Axis Offset** - This allows you to fine-tune the alignment of the watermark in pixels. The X Axis Offset would determine the horizontal layout of the watermark.
- **Y Axis Offset** - This allows you to fine-tune the vertical layout of the watermark.
- **Use Alpha Channel** - For PNG and GIF watermarks with Alpha Channel, enabling this option will enable the transparent background of the watermark. If you want to retain the rectangle background, disable this option. This will not have effect with JPEG, TIFF, BMP or PNG and GIF without Alpha Channel.
- **Watermark Transparency** - This determines if you want to fade the entire watermark. Setting it to 0 will retain full opacity of the watermark and 100 will be full transparency.
- **Add Drop Shadow Effect** - This will add a nice shadow effect over the watermark to be overlaid.
- **Resize To** - Enabling this option will allow you to resize the watermark.

- **Width & Height** - This option will determine the upper limits of the dimensions in pixels. Setting either option to 0 will let Batch It determine that dimension. Ratio Aspects would be retained.

Image Effects and Contact Sheet Printing Settings

In this section, you have two different settings, Image Effects and Contact Sheet Printing Settings.

Image Effects

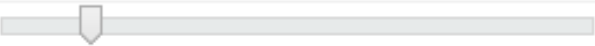



Image Effects & Contact Sheet Printing Settings	
<input type="checkbox"/> Image Effects	
<input type="checkbox"/> Sharpen	<input type="checkbox"/>
Sharpen More	<input type="checkbox"/>
<input type="checkbox"/> Blur	<input type="checkbox"/>
Blur More	<input type="checkbox"/>
Brightness	-2
Contrast	0
Old Photo	<input type="checkbox"/>
Emboss	<input type="checkbox"/>
Negative	<input type="checkbox"/>
<input type="checkbox"/> Sepia	<input type="checkbox"/>
Sepia Saturation	15 
Grayscale	<input type="checkbox"/>
Equalize	<input type="checkbox"/>
<input type="checkbox"/> Drop Shadow	<input checked="" type="checkbox"/>
Shadow Size	10
Drop Shadow X Offset	5
Drop Shadow Y Offset	-12
Drop Shadow Color	 #000000
Drop Shadow Opacity	35
Drop Shadow Background Color	<input type="text" value="#FFFFFF"/> 
Red Eye Removal	<input type="checkbox"/>
<input type="checkbox"/> Round Corners	<input type="checkbox"/>
Round Corners Size	0
<input type="checkbox"/> Add Border	<input type="checkbox"/>
Border Thickness	30
Border Color	 #00FFCC
<input type="checkbox"/> Do Tiling	<input type="checkbox"/>
Tile Columns	4
Tile Rows	4

Image Effects allows you to enhance your images and give it some pizzazz or spruce up the photos. You could mix and match different image effects with v5.

- **Sharpen** - This will intensify the details in the images.
- **Sharpen More** - This will add double the intensity of Sharpen.
- **Blur** - This will blur the details in the images.
- **Blur More** - This will add blur the details even more in the images.
- **Brightness** - This option allows you to adjust the brightness of the image. 0 would retain the current brightness. A negative number would darken the image and a positive number would brighten it.
- **Contrast** - This option will allow you to adjust the contrast to the image.
- **Old Photo** - This effect will fade the photo to give it that vintage look.
- **Emboss** - This apply the emboss effect which brings out the edges and ridges in the images.
- **Negative** - Applies the Negative Film Effect
- **Sepia / Sepia Saturation** - The Sepia effect adds a rich brownish effect to the images. With the Sepia Saturation track bar, you can vary the sepia saturation intensity.
- **Grayscale** - Convert the Color image to a Grayscale image. For JPEG Images, this will convert the image to a 8 Bit Grayscale JPEG Image instead of a 24 Bit Color image.
- **Equalize** - This will apply an auto color equalize effect to the image.
- **Drop Shadow / Shadow Size / Drop Shadow X Offset / Drop Shadow Color / Drop Shadow Opacity / Drop Shadow Background Color** - This applies a drop shadow effect to the image file. The Image will be resized to apply the drop shadow.

The Shadow Size determines the size of the Drop Shadow in Pixels.

The Drop Shadow X Offset and Drop Shadow Y Offset allows you to determine the location of the drop shadow. A Positive X will push the shadow towards the right while a negative X will push it towards the left. Likewise the Positive Y will set it to the bottom while a Negative Y will set it to the top.

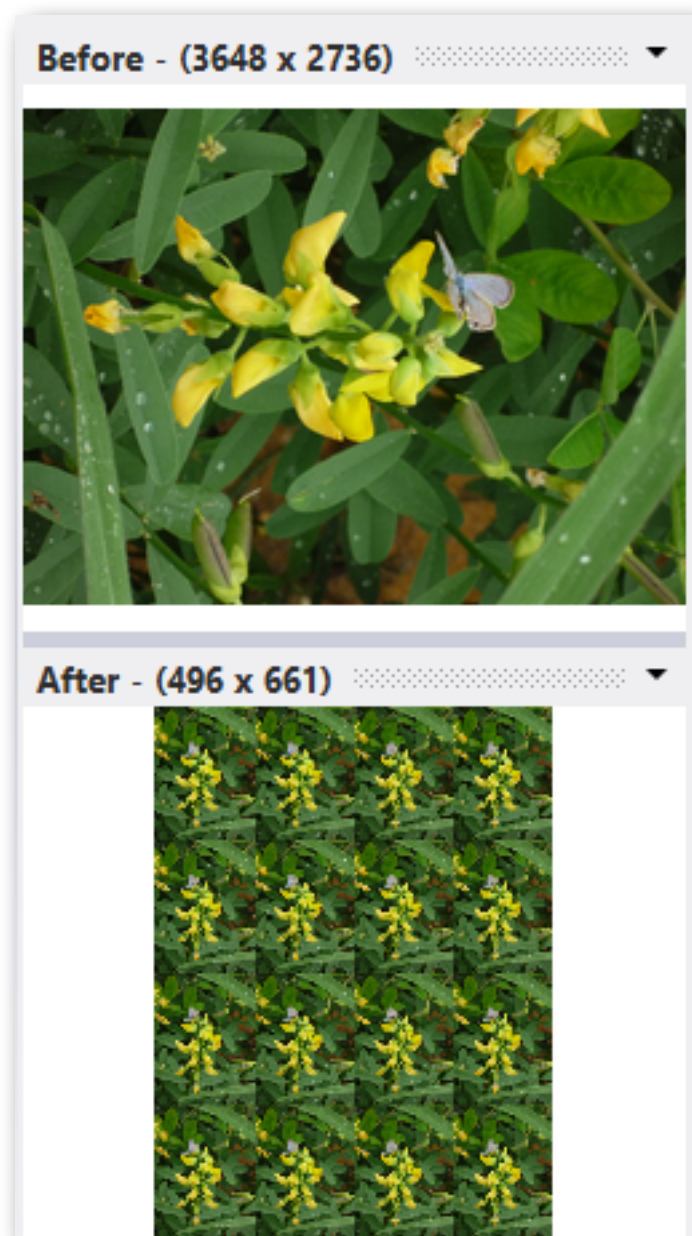
The Drop Shadow Color determines the color of the drop shadow.

The Drop Shadow Opacity will determine how transparent or Opaque it would be. The higher the number the more opaque it would be.

When you enable the Drop Shadow effect, it will resized the images to fit the drop shadow. When that happens, you will have a frame around the image. The Drop Shadow Background Color determines the color of that frame. Set it so that it will blend in with the background you be using the images with.

- **Red Eye Removal** - Applying this would cause the application to try to remove the red eye effect in the image.

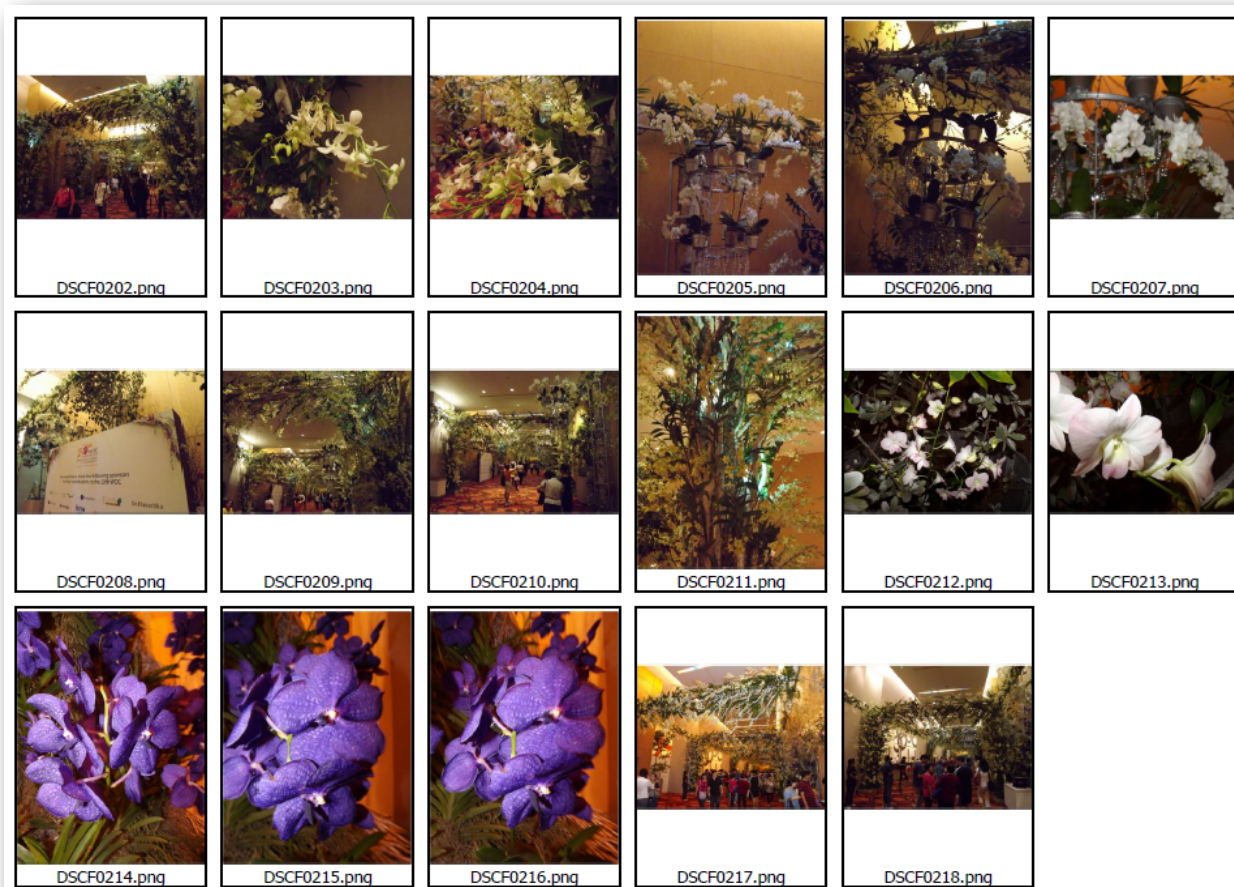
- **Round Corners / Round Corner Size** - This applies a rounded corner around the images and the radius of the round corner would be determined by the round corner size.
- **Add Border / Border Thickness / Border Color** - This option will allow you to add a border around the image.
- **Do Tiling / Tile Columns / Tile Rows** - This option would replicate the image into several mini copies of it into an image. The Tile Columns and Tile Rows would determine how many duplicates to create in the image.



Tile Image Effect

Contact Sheet Printing Settings

The Contact Sheet or Proof Sheet is a thumbnail of all the images in a shoot. This allows you to preview all the images at a go on paper. Batch It allows you to print that using the Contact Sheet Printing option.



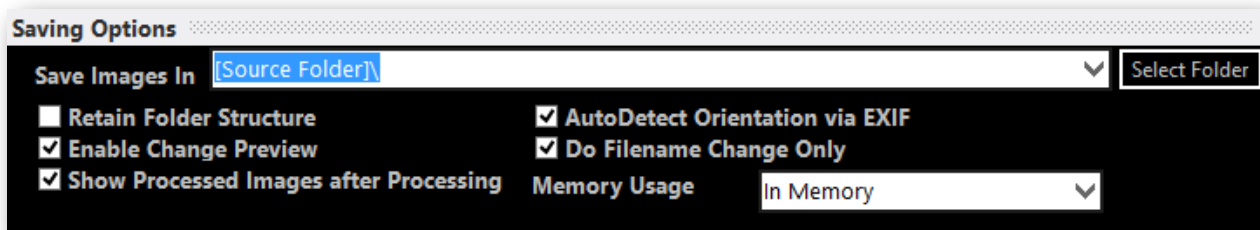
An example of a contact sheet printed by Batch It

Contact Sheet Printing	
Enable Contact Sheet Printing	<input checked="" type="checkbox"/>
Number of Columns	6
Number of Rows	6
Include Filename	<input checked="" type="checkbox"/>
Add Drop Shadow	<input checked="" type="checkbox"/>
Add Border	<input checked="" type="checkbox"/>

- **Enable Contact Sheet Printing** - When enabled, a contact sheet would be printed after the images have been processed. You will be prompted with a Print Dialog which you can determine which printer to use and the number of copies you want to print.
- **Number of Columns** - This determines the number of columns of images per page to be included.

- **Number of Rows** - This determines the number of rows of images per page to be included. If the number of images exceed the columns X rows, it will overflow to the next page.
- **Include Filename** - This will include the filename of the photos on the thumbnails
- **Add Drop Shadow** - This adds a Drop Shadow around the photos
- **Add Border** - This adds a thin black border around each image.

Saving Options



The Saving Options contain the Saving Options and other miscellaneous settings.

- **Save Images In / Select Folder** - This option is essential as it determines where the processed images would be saved to. Use the “Select Folder” to pick or create a folder. If the Output Folder matches the Input Folder, the original files would be overwritten and cannot be recovered so it is paramount to use a different folder. The Drop down box would contain the last 5 user defined folders. Right-mouse click to bring up the Contextual Menu if you want to delete these folders. Selecting “[Source Folder]” would allow you to overwrite the original files.
- **Retain Folder Structure** - When the images are added to the file listing using either “Load Folders” or by Dragging and Dropping the images with sub folders, you could retain the same folder structure by enabling this option. However if the images are added using the “Load Files” method, this option would be ignored. Disabling this option would cause all output files to be saved to the named output folder.
- **Enable Change Preview** - You could preview the changes to be made to the images by checking this option without saving it. With this option checked, double-click on the image’s filename you want to preview and the changes would appear in the After Preview Window. It may take a while for the preview to appear if the file is huge or there is a lot of changes to be applied.
- **Show Processed Images after Processing** - With this option unchecked, the images would be processed without the processed image showing up in the After Preview Window. This will result in a slightly faster processing. However if you want to see the changes made, enable this option.
- **AutoDetect Orientation via EXIF** - When this option is enabled, all images to be included to this list would be evaluated individually to determine if there is any need to apply the orientation change. The images would not be oriented at this time but the orientation which need to be applied would appear on the file listing which you can manually change if needed. If there is no EXIF header or the header does not contain the orientation tag, the image orientation would be tagged as “As Is”. However when this option is enabled, loading file listing especially for a long list of images could take several minutes to complete. If you do not need the application to apply this test, do disable this option.
- **Do Filename Change Only** - This option would disable all image resizing, image effects, image rotation, text caption and watermarks functions. It would enable you to merely batch rename the images on the list. If you want the filenames you set in the New Filename Column in the Control Center file listing, do ensure you disable the Enable Filename Changer option.

- **Memory Usage** - This option allows you to toggle between performing processing in memory or on disk. If you have sufficient Freed Memory (RAM) on your computer, you can opt to process in memory, this will result in a faster processing. However, if your computer has less than 1 gb of RAM, you may want to opt to process on disk. Processing on disk is slower but as it would use the free disk space to process the images, you would not get a low memory warning.

Additional Information

Basic Steps

1. Use either “Load Files”, “Load Folders” or using the Drag and Drop method to add files to the list. If you have a lot of images which are Portrait Orientation which you need the application to rotate and your camera supports tagging of image orientation, enable the “AutoDetect Orientation via EXIF” before importing the files.
2. Set the “Save Images In” option by using the “Select Folder” option or by selecting a formally used folder using the drop down box.
3. Apply the changes you want to apply to the images using “Image and Filename Properties” and/or the “Image Effects and Text Caption” tab.
4. To determine if the changes is what you want, ensure that the “Enable Change Preview” is checked and double click on any of the images. This will apply the changes without saving the changes.
5. Once you are satisfied with the changes, you could click “Start” and sit back and wait for the image processing to complete.

Settings Profile

The Settings Profile is a XML File which contains all the settings used by Batch It. This file is a text based file and you can view or edit with text editor.

You could create multiple settings profile by saving your most used settings which you can load when you need them. This will save you the hustle reconstructing the settings each time you want to use. You may also distribute this file to your colleague so that they do can recreate the settings you used.

At times if you come across a bug or require our assistance, we may require you to set us the settings profile file so that we can recreate the settings you used on our system.

To save the Settings Profile file, click the “Save Settings Profile” and select a folder and provide a filename for the file. To load the Settings Profile, click the “Load Settings Profile” and pick the file to use. The default file extension is “.xml”.