

## Overview - Power Batch freeware

PowerBatch gets its name from its batch features which include **converting, resizing, renaming, cropping, rotating, enhancing, framing, and printing** all photos in a folder recursively. Most common image formats (JPEG, TIFF, GIF, BITMAP, PNG and JPEG2000) are supported. It also allows you to create professional class watermarks the same way as in [Photo Watermark Professional](#) and print your watermarked photos in batch mode.

---

Copyright (c) 2002-2004 UniDream Marketing Technologies Inc. All rights reserved.

## What's new

### Sep 20, 2004 V2.5.3.1

- New: When you turn option "Allow me to overwrite source image files" on and the browse for folder window will display a button which lets you go to source folder directly.
- Bug: Rename now works again during batch processing.
- Bug: Grayscale and Sepia in the output window are not mutually exclusive.

### Sep 18, 2004 V2.5.2.0

- New: image size can specify percentage now. 100% means original. You can still specify image size in WidthxHeight format.

### Sep 11, 2004 V2.5.1.0

- New: **60 sorting variables** including sorting by **number of pixels**, picture taken date and picture taken time.
- New: Rename template supports custom increment (used to be one only).

### Sep 06, 2004 V2.5.0.0

- New: True **emboss** of any objects
- New: True **engrave** of any objects
- New: Any object can be **3D**.
- New: Support custom **photo frames** of PNG files with alpha transparency.
- New: Auto number object, which marks the number of the photo in the current list.
- New: **Sort** by file name or by **Date picture taken**.
- New: Can produce **sepia** image.
- New: Output can be grayscale, sepia or color.
- New: Customizable output file extension case.
- Changed "Adjust" menu to "Enhance".
- Optimized image enhance commands and sequence.
- Other improvements.

### Aug 28, 2004 V2.0.6.6

- Added Objects tab, which will list all objects allowing you to view objects' attributes and select them.
- Changed some default values.

### Aug 20, 2004 V2.0.5.5

- Bug fix: Now reads Chinese file names properly.

### Aug 16, 2004 V2.0.5.4

- Bug fix: Now print commands work properly

### Aug 06, 2004 V2.0.5.3

- Bug fix: Now batch converting to TIFF works.
- Interface improvements.

### Aug 04, 2004 V2.0.5.2

- New option (Convert and rename options): Keep EXIF. If unchecked, no EXIF will be saved.
- New option (Convert and rename options): Case - As is, upper or lower.
- JPEG color space now defaults to YCbCr, which will create smaller file.
- Two more JPEG output controls: optimizing and DCT (Discrete Cosine Transform Method) method.
- Options available with Save as dialog.

### July 29, 2004 V2.0.4.2

- Now exposes more options for file format controls, e.g. JPEG color space, TIFF color space, TIFF compression, PNG background color and so on. All these options are available in the Convert and rename options window.
- Now will show error messages for unhandled exceptions.

### July 22, 2004 V2.0.3.2

- New image adjustment: Shape and feather. You can create rounded rectangular or elliptic image with or without feathering edge. Unfortunately, this feature does not work properly under Win9x.
- Interface improvements.
- Changed dynamic image adjust menu to "Adjust".

### July 11, 2004 V2.0.2.2

- New: Search photo by date picture taken, size of mega pixels, and any other EXIF data.
- Bug: Can deal with photos with invalid dates (e.g. '0000:00:00 00:00:00').

### July 01, 2004 V2.0.1.1

- New: "Limit file size to" option is added to the "Convert and rename" option window. This only applies to JPEG format. If you want quality, do not do this.
- Bug: Merged animated gif frames are not shifted anymore.

### June 25, 2004 V 2.0.0.0

Powerful new features include:

- Gradient and bitmap pattern fills of text and shape objects.
- Multiple line text objects can have angled fonts now.
- Smooth rendering of individual object.

### June 10, 2004 V 4.4.1.3

- Added: text auto size option. When this is off, you can resize your text box manually. This allows you to display clipped text properly.
- Removed: Edit - Text box tolerance.
- Now loads merged animated GIF files properly.

### May 30, 2004 V 1.4.0.2

- Added "Text box tolerance" spin edit box. This is a temporary solution to ensure non-clipped text box but still keep your box as small as you desire. You need to play with this because proper text box during working may still get clipped in the output. The suggestion is to save a picture and see what it looks like.
- Added "Gray scale" image effect.

### May 29, 2004 V 1.4.0.1

- Bug fix: frame object did not work properly.

### May 28, 2004 V 1.4.0.0

- All functions are available on both Win9x and NT based systems.
- Removed "Use individual object transparency" option since it is useless.
- Added shadow adjustment commands: radius, x and y offset.
- Added image processing commands for inserted image: rotate (any angle), flip horizontally or vertically.
- Removed font shadow, font emboss and font engrave styles. You can obtain these results with the shadow settings.
- Some icons are replaced with new ones.
- Increased the text box size so that text will not be clipped in some situation.

### May 18, 2004 V1.3.1.9

- Bug fix: Super smooth fonts only available during preview.
- Bug fix: Rotation did not work.
- Bug fix: Keep long side did not work properly.

### May 16, 2004 V 1.3.1.8

- More detailed hints for most commands and combo boxes. Move your mouse over the command or combo box to show the hint. For example, if you move your mouse over the combo box on the image toolbar next to <Image>, it will display a hint window saying "Choose or type in your image size in widthxheight format (eg 123x88) and press enter."
- New <Very basic tool> above the working image. These commands are the very basic ones you will need to create watermarks.
- Added <Help - What is new>: Access what's new in help manual.
- New sorting algorithm now sorts files according to numbers in the file if applicable under WinXP, eg for 1.jpg, 2.jpg and 10.jpg  
Previous sorting would be  
1.jpg  
10.jpg  
2.jpg  
Now  
1.jpg  
2.jpg  
10.jpg
- Added "Restore extension" option in the Rename window. If checked, appropriate file extensions will be recovered according to their formats, ie .jpg for JPEG, .tif for TIFF, .gif for GIF, .bmp for Bitmap, .png for PNG and .jp2 for JPEG2000.
- Added option: Allow me to overwrite source image files (IRREVERSIBLE! you are 100% responsible). When you turn this option on, you will be able to overwrite your source image files.

- Font border color available when "Use individual object transparency" is on.
- Antialias rendering of object when "Use individual object transparency". Not available under Win9x systems.
- Super smooth fonts if Antialias is on.
- FTP features: download files and folders, upload files and folders, delete, rename, create new folder.
- Batch cropping after manual definition of crop windows. You can define a crop window for each picture to be watermarked and batch process them in combination with resizing, renaming and converting. Optionally these crop windows can be saved so that they can be used in the future.
- Added an option "Save and use crop windows". This option must be on for crop windows to be saved and reused.
- The crop tab, collage tab and FTP tab have their own toolbars and commands are also available in the main menu when the tab is selected.
- Improved collage feature: white margin and repeat picture. Manual dragging is not yet supported.
- Bug fix: now you can only rename original files using the Batch Rename command.
- Bug fix: when open files for processing, after renaming is complete, you will be able to keep your file list.

April 28, 2004 V4.2.1.7

- Bug fix: Now you can change the font to a custom size by typing in a number.
- Changed the way of creating text and image objects. No drag is needed anymore.

April 17, 2004 V1.2.1.6

- Now memorizes the last output folder.

April 12, 2004 V1.2.1.5

- Added: Rename extension. Caution: at your own risk
- Now load images with wrong extensions, eg. JPEG image with .GIF extension.
- Display actual image type on thumbnails.
- Bug fix: Only saved the first line of multiline text objects.

April 10, 2004 V1.2.1.4

- Minor improvements. No new features.

April 02, 2004 V1.2.1.3

- Added: collage images of 2, 4 or 8
- Added: save or print collaged images
- Bug fix: when image contains dpi as 0, EXIF will not be loaded properly.
- Renamed "Stretch image" to "Maintain aspect ratio".

Mar 27, 2004 V1.2.0.2

- **Added Image effect menu, which includes:**
  - **Create image from selected objects**
  - **Add noise**
  - **Antialias**
  - **Blur**
  - **Circle**
  - **Emboss**
  - **Mosaic**
  - **Tile**
  - **Trace**
  - **Twist**
- **Added command: Edit -> Clear selection.**
- **Added command: Edit -> Set transparent color.**
- **Individual X and Y border for each auto position object.**
- **Added Save attributes menu, which includes:**
  - **Save as Text**
  - **Save as CSV**
  - **Append to CSV**
  - **Batch save to CSV**
- **Showing thumbnails in the file list.**
- **Display the current file icon besides "Image file info" object.**
- **New resizable print dialog.**
- **Redesigned interface for Convert and rename options.**
- **Redesigned main interface.**
- Changed File info object to "Image file info object" and added more format strings such as one or more w, h, c, which represent image width, image height and image color depth.
- Auto position tool moved to the object editor.

- Right button menu for object editor and attribute windows. Also you can click the dropdown arrow to bring up this menu.
- Added more settings for image size. They are '1500x1000', '1200x800', '900x600', '600x400'.
- Added option: Multipage image support.
- Changed "Auto position border" to "Default auto position margin".
- Removed OfficeXP 2003 theme due to its being buggy.
- Renamed "Change DPI to" to "Resolution".
- Bug fix: Auto format (c) and (r) works as you type only when you turn it on and the next character you type is a space, tab or punctuation.
- Bug fix: Now using "Rename watermark command" to rename a watermark works.
- Bug fix: Now it is not flickering during batch processing.
- Bug fix: When you save current image to a parent folder of the current working folder, several watermark files were checked strangely.
- Bug fix: When you use move in bound command to move object in and options set to not using individual object transparency, the working area was not updated immediately.
- Bug fix: It might crash under Win9x.

Feb 28, 2004 V 1.1.1.2

- Moved Watermark menu under File menu in order to prevent confusing about "Watermark" and "Watermark object".
- Redesigned watermark manager. Now you always select and check one file. The default name is now called "Watermark file (1)" instead of the "Watermark (1)" which also causes confusion between "Watermark" and "Watermark object". Also, now you can have no watermark files in the list. However, as soon as you create any object, a new watermark file is created.
- Added option: Auto format (c) and (r) marks (English only). This option only works with ANSI system.
- Now when you change the default watermark folder, it does not restart.
- Reordered main menu items.

Feb 25, 2004 V 1.1.1.1

- Display DPI, image size in inch in the property window.
- Added Change DPI to option. This option is available in the Convert rename window. However, it is globally available when checked.
- Added import and export watermark file commands under Watermark menu. When you import a watermark file in, it will add to the current working watermark file.
- Added option to change the default watermark folder. Click the last menu item under Watermark menu to do this. It display the current default watermark folder.
- Added a new object called Last watermarked. This object will record the date and time the image is watermarked. You can apply the same format string as in EXIF date time.
- The bug that creates light border around the image when you check auto brightness and contrast has been fixed.

Feb 21, 2004 V 1.1.0.1

- Bug fix: Memory leak and stop at middle of processing.
- Improvement: Loading JPEG is optimized according to your specified size.

Feb 20, 2004 V1.1.0.0 final

- Added option "Keep long side". If turned on, PowerBatch will resize your pictures according to the long side.
- Added crop function.
- Added Print current image.
- Added make image current size function.
- Added support for animated GIF and multipage TIFF formats. Now PowerBatch will watermark every frame and save them appropriately. If the format you save does not support multiple pages, each frame will be saved separately.
- Added image adjusting commands: orientation, brightness and contrast, gamma correction, RGB, hue-saturation-luminosity, hue-saturation-value, grayscale, negative, alpha channel, sharpness and softness. These commands are available for all batch processing.
- Changed Resize menu to Image menu.
- Changed batch convert resize to Batch process images.
- Removed default JPEG option. Now uses the JPEG settings in the convert dialog box.
- Now save and load EXIF in TIFF file.
- Added making AVI movie function.
- In the rename template, illegal file name characters will be replaced by "\_".
- Now all dockable panels can remember their heights.
- The main image can load alpha channel now.



## Features

Power Batch key features include:

- Green program: Everything is in a single folder.
- One step to process large number of photos (all files in a folder and also in its subfolders at the same time) including combinations of
  - Batch renaming: Create unique file names with EXIF date and time.
  - Batch resizing: Can use one of the 11 resample filter.
  - Batch converting: Convert between JPEG, TIFF, Bitmap, GIF, PNG and JPEG 2000.
  - Batch printing: Watermark and print out all your images.
  - Batch rotating: Rotate all your pictures at once.
  - Batch enhancing: Adjust colors of your pictures.
  - Batch cropping: You can define a crop window for each picture and batch crop them.
  - Batch framing: frame your pictures with custom photo frames.
  - Making AVI: Make AVI movie.
- Control your output size while you are creating watermarks.
- Manage multiple watermark files with the built-in watermark manager: Maximize your creativities, switch watermarks is just a single click.
- Three types of objects: Watermark supports a mixture of text, graphic and drawing objects of any complexity.
- Various fill and stroke styles for text and shape objects including gradient fill and bitmap pattern fill.
- Multi-line text objects and various styles.
- Angled text objects
- Automatic objects - Objects that are updated automatically with each image using either file information or EXIF data.
  - Auto file info: Stamp your photos with filename and size.
  - Auto date: Stamp your photos with date picture taken and last watermarked in various formats.
  - Auto EXIF table: Show portion or the entire EXIF table on your pictures.
  - Auto age: Place your baby's age on the photos.
  - Camera model and camera settings.
  - Frame: Include an auto adjustable frame for your pictures.
  - Auto number: mark your picture with its position in the file list.
- Image effects for image object such as emboss, tile, twist etc.
- Emboss and engrave: create true emboss or engrave watermarks.
- Shadow and Shadow3D: Each object has its own drop shadow including non-text objects.
- Smooth rendering of individual object.
- 100 transparency levels: Each object has its own transparency level.
- Insert or paste pictures: JPEG, GIF, PNG, ICO, WMF, EMF, TIFF, BITMAP, JPEG2000 etc.
- Transparent or opaque image object: a single button makes it transparent or opaque.
- Individual object alignment: Each object can have an auto position attribute which is one of the 9 predefined positions and no auto position.
- Explorer style folder tree and file list: Photo files are listed automatically when you select a folder. You can optionally open a number of files for watermarking if you do not want to list all photos in a folder.
- Searching photos by date picture taken, size in mega pixels, and any other EXIF data.
- WYSIWYG: What you see is what you get interface.
- Keep your EXIF data: EXIF data are automatically saved in the watermarked files provided they are in JPEG format.
- Various graphic formats: JPEG, GIF, PNG, TIFF, BITMAP and JPEG2000.
- Supports animated GIF and multipage TIFF files.
- Collage several pictures on a page.
- FTP your pictures from or to your server.
- Detailed hint can be shown when you move your mouse over a command or combo box.
- Command line argument support: you can automate watermarking by providing proper command line arguments
- Multiple themes.

## **System requirements**

Microsoft Windows 95/96/NT/2K/XP/2003.

## **License agreement**

This software is provided AS-IS, without warranty of any kind, either expressed or implied. In no event shall the author be held liable for any damages arising from the use of this software. You should always work on a copy of your original photo files. Never overwrite your original photos directly. This is irreversible. If this is done by mistake, do NOT ask for help since NOBODY can help you with this.

## **Credits**

Thanks to all who reported bugs and/or gave suggestions. This has helped us to make PhotoWatermark Professional to be the world's best photo watermarking tool.

Special thanks to the following people who wrote wonderful free software that is useful to this program:

Jordan Russell  
Alex A. Denisov  
Mike Lischke  
Jim Kueneman  
Roy Magne Klever  
Momot Alexander  
BitSoft Development, L.L.C.  
Chen Yu  
Jan Verhoeven  
Robert Lee

## **Contacts**

Web site: <http://www.unidreamtech.com>

Web site: <http://www.photowatermark.com>

Please read our [testimonies](#).

## Testimonies

Here are what some of our users say about our product and service published on Download.com:

Solver 15-Aug-2004 03:48:24 PM

**"Unidream makes wonderful software"**

I like this program, Unidream makes a lot of beautiful software with participation around the globe. See also the best slideshowplayer on the Internet, not listed at Download.com (what a shame) with an interface in over 20 languages! Great initiative.

Lechter, H 08-Jul-2004 12:50:46 AM

**"Does what it says on the tin!"**

I needed a tool which could scan multiple hard disks, find specific image file types and convert them to a single format. It does this exceptionally well and is extremely fast.

flaxius 09-May-2004 01:55:56 PM

**"It's a big con!"**

Spent ages going through the instructions only to find out that this wonderfully designed program slaps a huge advert through the center of you images. Not exactly what you might call "free" or "full featured"

**The user mixed the freeware PowerBatch with PhotoWatermark Professional demo, which does place a huge advert through the center of your images. PowerBatch freeware is not designed to do batch watermarking just as Microsoft Word does not do what Adobe PhotoShop does. When you decide to write a review, please make sure you are talking about the right product.**

-----  
~: ) 20-Apr-2004 10:35:56 PM

**"The best yet.."**

My new site had been pending the discovery of a thumbnail batcher with the flexibility of adding a number of image attributes to the entire batch. I can now carry on... This thing is a gem.

-----  
Karin 07-Apr-2004 01:25:57 PM

**"Just what I was looking for"**

Ok, I did just download it an hour ago but this was just what I was looking for and best of all it's freeware! I probably will be donating though :-) The reason I needed this is because I was cataloging my digital photos with some PHP code I am writing myself and needed thumbnails and downsized images to keep on HD. I tried a product that cost about \$90 in it's 21 day trail and it consistently crashed after 207 pictures were processed, while this product did the whole 3000-and something in about 15 minutes with no trouble. I was using a HTML album generator before this but I wanted something that would keep the EXIF info in the downsized images (which the album thing didnt do and PowerBatch does) and I didn't like having to throw out the HTML in every directory afterwards. So this is really what I needed, thank you PowerBatch ppl!

-----  
Lisa 19-Mar-2004 12:55:57 PM

**"exactly what auctioners need!"**

I have been looking for this exact program for years! i have downloaded numerous "image editors" with no luck. I almost didnt download this one because it has little opinons. I will tell you this is THE BOMB! you can shrink the kb's not the picture to the min. so you can upload them for your auciton. you can clear up so much room with this. the best part of the whole thing -besides its free and the watermarking and everthing is clearly listed and the picture quality is awesome- is you can do whole folders!! not just one at a time but you can do hundreds of pictures at one time! Come on, we know a woman designed this one too!

-----  
Cepheid 13-Mar-2004 10:35:55 PM

**"Sweet."**

This little freebie can do things IrfanView can't: like adjust brightness and contrast. GUI is more elaborate too. They're both free and fit on a floppy, but this one's my new fave.

## Using the program

No other program is easier than PowerBatch. For example:

- Conventional program usually requires to open files to work with. With PowerBatch, you save this step. Simply select a folder and all images meeting the filter requirement will automatically be listed in the list view box. These are the files you are going to batch process. By checking the Recursive button, PowerBatch will list all photo files in the selected folder and all its subfolders. If you do not work on all images in a folder, you can use the conventional File -> Open command.
- PowerBatch has a user interface very similar to Microsoft Office. All commands are available in the main menu system with the most commonly used commands on the four tool bars and popup menu.
- Unlimited undos and redos are very convenient.
- Realtime command enabling and updating system assumes very little confusion.

## File menu

The file menu has the following submenu commands:

- Watermark
  - New watermark (Ctrl + N): Create a new watermark file and set it as the default. Whatever you create will be saved in this file. If you do not create any watermark objects, this file will be deleted on exit.
  - Delete watermark (Ctrl + Del): Delete selected watermark file and set the default watermark file to the next one.
  - Select watermark: Select a watermark file from the watermark list. This works the same way as you select a watermark file from the watermark manager.
  - Rename watermark (F2): Rename the current selected watermark file.
  - Import: Import a watermark file. It will be added to the current watermark file. So if you want the contents in that file only, please create a new watermark file and then import.
  - Export: Export the current watermark objects to a file.
  - The last menu shows the default watermark folder. By clicking this folder, you change this default folder. However, when you reinstall the program, this value will change back to the default.
- Save attributes
  - Save as Text : Save attributes as text file.
  - Save as CSV: Save attributes as comma delimited data file.
  - Append to CSV: Append attributes to an existing comma delimited data file.
  - Batch save to CSV: Batch save all image attributes to a comma delimited data file.
- Open (Ctrl+O): Open a number of files to work with. Use Shift or Ctrl key to select multiple files. The selected files will be shown in the file list until you change folder or open other files.
- Save current image as: This refers to the image being displayed in the main window. It uses the Default JPEG quality value found under Options if saving as JPEG files.
- Print current image: This refers to the image being displayed in the main window. It uses the Default JPEG quality value found under Options if saving as JPEG files.
- Refresh (F5): Refresh the folder tree and file list.
- Recursive: If checked, PWPro will list all photo files in the selected folder and all its subfolders.
- File filter: This determines the types of image files to be shown in the list.
- Sort:
  - Sorting direction
  - Sorting criteria list
- Batch watermark (Ctrl+W): Batch watermark all images in the file list.
- Batch process images (F3): All batches except batch watermarking are available here.
- Make AVI: Make AVI movie with or without watermark.
- Batch rename (F2): Batch rename all files in the file list.
- Batch print (Ctrl+P): watermark and print out all your images.
- Exit (Alt+X): Exit.

## Image menu

The image menu has the following submenu commands:

- Resample filter: Used when selecting target image size other than "Original". 11 filters are available. They are: Triangle, Hermite, Bell, BSpline, Lanczos3, Mitchell, Nearest, Linear, FastLinear, Bilinear, Bicubic.
- Image size: This is the target image size. PowerBatch will resize each photos in the memory (without touching the original) using the resample filter if you select the image size other than "Original". Use #x# to specify a custom size.
- Stretch image: When checked, PowerBatch will stretch the image to fit the specified size. Otherwise, it will keep each image's aspect ratio.
- Large only: When checked, PowerBatch will only shrink images that are larger than the specified size.
- Keep long side: when checked, PowerBatch will resize your pictures according to its long side. For example, if you resize a photo of 768x1024 to 640x480, you actually get 480x640, otherwise, you get 360x480.
- Page: List the number of frames in the image file. Only GIF and TIFF can have more than one frames. Therefore, most of the time, there will be one page only. Choose a page number to display that frame.
- Enhance
  - Orientation: display the orientation commands allowing you rotate or flip your pictures.
  - Definition: allows you to sharpen or soften images.
  - Color functions: allows you to create negative, grayscale, or sepia images.
  - Color balance: allow you to adjust Red, Green, Blue of your pictures.
  - Hue and saturation: allow you to adjust hue, saturation and luminosity of your pictures.
  - Lighting: allow you to adjust the brightness, contrast and gamma of your pictures. An auto adjust algorithm is available.

## **Crop menu**

The crop menu has the following submenu commands:

- **Left:** The left position of the crop window. Use the arrow to change value or type your value in the edit box.
- **Top:** The top position of the crop window. Use the arrow to change value or type your value in the edit box.
- **Width:** The width of the crop window. Use the arrow to change value or type your value in the edit box.
- **Height:** The height of the crop window. Use the arrow to change value or type your value in the edit box.
- **Load default:** Load your default crop window.
- **Set default:** Set the current crop window as your default value.
- **Clear selection:** Clear current crop window.

## **Collage menu**

The collage menu has the following submenu items:

- Canvas size: Choose or type in the canvas size in widthxheight format (eg 123x88) and press enter.
- # per page: Choose the # of pictures per page. You cannot type in the edit box here.
- White margin: Choose or type in a value and press enter.
- Repeat: If turned on, the same picture will be repeated on the page.

## FTP menu

FTP menu has the following submenu items:

- Connect: Connect to your server using the user name and password you specify. You have to specify all three parameters (server address, username and password) correctly. The default port # is 21. If your server has a different port #, you need to change this too.
- Disconnect: Quit current connection.
- Anonymous connect: You only need to specify a server address and correct port # for this type of connection. Your user name and password will be ignored.
- Parent dir: Go up one level of the directory on your server. You cannot go beyond the root directory.
- New folder: Create a new folder in the current directory on your server.
- Rename: Rename the currently selected directory or file on your server.
- Delete: Delete the selected directories or files on your server.
- Upload: Upload the selected local files or folders to your server. Please use the folder tree to navigate local folders and the explorer list view to select the local files or folders. The image file list window is disabled during FTP.
- Download: Download the selected files and directories from your server to the current selected local folder.
- Refresh: Refresh the server list.
- Stop: Stop the current transfer.
- Show all files on server: If not checked, only image files are displayed.
- Passive: FTP using passive mode.
- ASCII mode: When checked, files are transferred using ASCII mode, otherwise, binary mode is used.

## Frames

Frames menu has the following submenu items:

- Refresh: reload frame files. Frame files are located in "Frames" folder under the program folder and "My watermarks" folder. If you make custom frames, you must store them in either of these locations. Frames files are PNG files with alpha transparency. Only the parts that matches the transparency in your photos are shown.
- None: use none frame. Click to clear photo frame.
- Use: use the selected frame.
- Random frame: randomly choose frames from the list.

## Edit menu

The edit menu has the following submenu commands:

- Undo (Ctrl+Z): Undo last change. PWPro has unlimited undos. If you insert large pictures in the watermark, this process is slow.
- Redo (Ctrl+Y): Redo last undo.
- Copy (Ctrl+C): Copy the selected objects to clipboard.
- Cut (Ctrl+X): Cut the selected objects to clipboard.
- Paste (Ctrl+V): Past as image from clipboard. PWPro supports the following clipboard image format:
  - Bitmap.
  - Windows meta file.
  - PWPro internal vectorial object format.
- Delete (Del): Delete selected objects.
- Reset image: Reset graphic object to its original size and aspect ratio.
- Make image current size: When you insert an image object, you could resize that image. However, PWPro will keep the original image and only resize it on the screen. This may increase your file size. You could use this command to make that image to the current size on the screen.
- Crop: Use the object editor to select a portion of the image and click this command to crop it. This is a permanent change.
- Clear selection: Clear the selected region in the image editor.
- Set transparent color: When checked, you can click a pixel in the image editor to set that pixel as the transparent pixel.
- Set image transparent: Turn on or off image object's transparency.
- Image effect: these commands are applicable to the inserted image object, not the working one.
  - Create image from selected objects: create a new image object from the selected objects, which are intact.
  - Add noise: add noise to an image object.
  - Antialias: antialias an image object.
  - Blur: blur an image object.
  - Circle: only keep the part inside the circle, the rest turns into black. Then you can reset the transparency so you get a circular object.
  - Emboss: emboss an image object.
  - Mosaic: mosaic an image object.
  - Tile: tile an image object.
  - Trace: trace an image object.
  - Twist: twist an image object.
  - Gray scale: turn an image into grayscale.
  - Rotate: rotate inserted image at any angle.
  - Flip horizontally
  - Flip vertically
- Select object: It has submenus listing all objects. By clicking that object, you select that object.
- Select all: Select all objects.
- Select invert: Invert the selection.
- Select none: Clear all selection.
- Auto position: It has the following submenus:
  - No auto position: The object can be freely positioned.
  - Nine predefined positions: When an object has auto position attribute, it cannot be positioned manually.
- Group: Group and ungroup objects.
- Order:
  - Send to bottom: Send selected objects to the bottom layer.
  - Bring to top: Bring selected objects to the front layer.
- Size:
  - Grow: Make selected objects bigger.
  - Shrink: Make selected objects smaller.
- Move:
  - Move in bound: If any objects are outside the image bound, move them in.
  - Move left
  - Move right
  - Move up
  - Move down
- Align or distribute
  - Align left: Align selected objects to the left edge of the first (top) object.
  - Align center: Align selected objects to the center of the first (top) object.
  - Align right: Align selected objects to the right edge of the first (top) object.
  - Align top: Align selected objects to the top edge of the first (left) object.

- Align middle: Align selected objects to the middle of the first (left) object.
- Align bottom: Align selected objects to the bottom edge of the first (left) object.
- Distribute horizontally: Distribute even space between selected objects horizontally.
- Distribute vertically: Distribute even space between selected objects vertically.

## Format menu

The format menu has the following submenu commands:

- Transparency: Sets the selected objects' transparency. Values are from 0 to 100 %. 100% means totally transparent and 0 means opaque.
- Shadow:
  - Enable shadow
  - Shadow radius
  - Shadow X offset
  - Shadow Y offset
- Smooth: smooth render text or shape object.
- Text auto size: when a text box has this attribute, you cannot size it manually.
- Fill: Sets the fill style of shape and text objects.
  - The first group of palette contains object fill styles. 30 styles are available. 15 are colors including 10 gradient colors. 14 are bitmap patterns, and one, custom picture.
  - The second group defines the begin color for gradient fill.
  - The third group defines the end color for gradient fill.
- Stroke: Sets the stroke color and width.
- Font
  - Font name: Changes name of the font of the selected text objects.
  - Font size: Changes size of the font of the selected text objects.
  - Font angle: Changes angle of the font of the selected single line text objects.
  - Font color: Changes color of the font of the selected text objects. This is a shortcut of a combination of stroke and fill. Selecting a font color will change the stroke color and fill begin color to the same, the stroke width to 1 and the fill style to solid.
  - Bold
  - Italic
  - Underline
  - Strikeout
  - Align left
  - Align center
  - Align Right

## Object menu

The object menu has the following submenu commands:

- Select: If checked, clicking on objects will select that object. This is checked automatically after creating a new object.
- Text: When checked, click and drag in the image area to create a new default text box. Use the object editor to change the text.
- Image: When checked, click and drag in the image area to create a new graphic object. You will be prompted to open a graphic file.
- Line: When checked, click and drag in the image area to create a line object.
- Box: When checked, click and drag in the image area to create a box object.
- Ellipse: When checked, click and drag in the image area to create an ellipse object.
- Polygon: When checked, click and drag in the image area to create a polygon object. Double click to close the polygon.
- File info: Click to insert a file info auto field in the center of the image area. Use the object editor change the format.
- Age: Click to insert an age auto field in the center of the image area. Use the object editor change the format.
- EXIF table: Click to insert an EXIF table auto field in the center of the image area. Use EXIF table editor turn on and off entries.
- Date: Click to insert a date and time auto field in the center of the image area. Use the object editor change the format.
- Camera setting: Click to insert a camera setting object in the center of the image area. This includes F-number, Exposure time, ISO speed rating and flash status, e.g. F4.5 1/500 ISO100 Flash off.
- Camera model: Click to insert a camera model object in the center of the image area. This includes the model and make of the camera, e.g. C3000Z (Olympus Optical CO, LTD.).
- Last watermarked: Click to insert a date and time object which shows when the image is last watermarked. You apply the same format string as in EXIF date time object.
- Frame: Click to insert a picture frame. Frame is a box object which automatically adjust itself to fit the entire image area. You can change the line width, color and background color of the frame. Each frame can also have its own transparency level and soft shadow. By layering several frames of different line width and color on top of each other, you can create special framing effect.

## **View menu**

The view menu has the following submenu commands:

- Restore all: display all dockable windows as their defaults.
- Old interface: Hide all right side dockable windows and make the object editor float.
- Standard tool: Turn on or off standard tool bar.
- Formatting tool: Turn on or off formatting tool bar.
- Image: Turn on or off image tool bar.
- Tip tool: Show or hide tip tool bar.
- Attributes: Turn on or off attributes panel. Attributes window works properly only in ANSI character set.
- Watermarks: Turn on or off watermark manager panel.
- Zoom: Choose among several predefined numbers and fit or enter a custom number. If set to fit, large images will be shrunk but smaller images not stretched.
- Themes: Choose one of the available themes from its submenu.

## Options menu

The options menu has the following submenu commands:

- Antialias rendering: if checked, text object will be rendered super smoothly. Images are also rendered smoothly.
- Multipage image support: Default is on which means PWPro supports multipage TIFF and animated GIF files.
- Auto format (c) and (r) marks (English only). This option only works with ANSI system.
- Convert and rename options: This will bring up the convert and rename options window. Most settings are globally used.
- Allow me to overwrite source image files (IRREVERSIBLE! You are 100% responsible). If this is unchecked (default), you cannot overwrite your source image files. This action is dangerous. Overwriting your source image files is an irreversible process. Nobody on earth could reverse it if you make a mistake.
- Use file date: When checked, auto date objects will use file date if EXIF date not available.
- Hide EXIF titles: When checked, EXIF table will hide EXIF titles, i.e. only display EXIF values.
- Hide Empty entries: When checked, EXIF table will not show entries with empty values even that entry is selected.
- Hide error objects on watermarked photos. If checked, the error watermark objects will not be shown on your final products. This prevents you from removing these objects when you have photos that do not contain EXIF or are taken before your specified birthday.
- Open destination folder when processing is complete: If checked, PWPro will open the destination folder when batch watermarking or convert-resizing is complete.
- Save and use saved crop windows. When checked, the crop windows will be save in the folder where your photos are. They will be automatically loaded in the future. However, when the size of any of your photos are changed, the crop window will be discarded.
- Default auto position margin: The distance from the margin used to auto position objects. Each object also has its own margin properties. This is the default value when you first auto position an object.
- Language:
  - Edit current language file: If the language is selected, click this to edit the language file.
  - Translate into xxx: If language is set to Auto language detect and the language file that match your system's default language does not exist, click this menu will generate a language file for you to translate.
  - Auto language detect: If checked, PWPro will select the appropriate language for your system's default language if the proper language file is available; otherwise, it uses the default English language.
  - The rest of the submenus depends on the available language files.

## Help menu

The help menu has the following submenu commands:

- What is new: Access what's new in the help file.
- Contents (F1): Open this help file.
- <http://www.unidreamtech.com>
- About: About PowerBatch.

## **Convert and rename options**

The top convert page has 8 tabs. Each tab represent an image format except <As is>, which means no conversion. If you want to convert your images to a specific format, set that tab as active and click OK. You still have the chance to do this when you actually perform the batch processing.

For beginners, you should accept the default settings for each image format. Advanced users can play with various image settings to obtain desired results.

