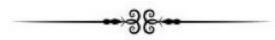
6/14/17 A new iWatermark Pro 2.00 was released today. This is the first release version. It has it's own manual. We recommend you keep the old version you have but please download the new release version and use that. Put the old one in a folder called iWatermark Pro (old). Give us your feedback, issues and suggestions. Thanks!

Download iWatermark Pro here.



iWatermark Pro for Mac and Windows

Secure and Protect Your Photos



Mac Version Changes | Mac Download Windows Version Changes | Windows Download iPhone/iPad Changes | iOS Download

Android Changes | Android Download

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Overview

iWatermark Pro is the latest version of iWatermark for the Mac and Windows. iWatermark is the world's No. 1 watermarking application for Mac, Windows, iPhone/iPad and Android. Stylishly copyright all your images with a visible digital watermark within minutes. iWatermark Pro is an essential tool for photographers and anyone with a digital camera, professionals or beginners.

iWatermark is a specialized tool to watermark photographs. More efficient, faster, simpler and far less expensive to use than PhotoShop. iWatermark is exclusively designed for watermarking.

iWatermark Pro was created by Mark Fleming and Julian Miller. Artwork by Michel Zamparo.

Would you like to translate iWatermark Pro into your native language? Contact us.

System Requirements

Mac

iWatermark Pro 2.0+ Beta requires Intel Mac OS X 10.7 - 10.12 or higher.

Older Versions -- Version changes info.

Current Release iWatermark Pro 1.72 requires Intel Mac OS X 10.6 - 10.9 or higher.

iWaterrmark Pro 1.20 can be used on PPC/Intel Mac OX 10.5.

iWatermark 3.2 can be used for Mac 10.4, 10.5 or 10.6. The original and oldest version.

Windows

iWatermark Pro runs on Windows 8, 7 and XP in both 32 and 64 bit.

Older Versions

iWatermark 3.1.6 works for WIN XP or higher.

iPhone/iPad

<u>iWatermark+</u> (newest and best choice) iWatermark

Android

<u>iWatermark+</u> (newest and best choice) iWatermark

Acknowledgements

Drawer icons used under license from <u>Bare Bones Software</u>, Inc. They make great software.

MAAttachedWindow code by Matt Gemmell.

How to Purchase

iWatermark Pro costs \$30. After trying it out please go to our <u>store</u> to purchase. Previous owners can <u>Upgrade</u>.

Upgrade

Minor upgrades are free for previous iWatermark Pro owners. Just download and use.

Owners of the previous for Mac or Win iWatermark (pre 2010) <u>contact us here</u> make sure to include your full name, date, email so we can look up your previous purchase.

To import your previous watermarks from iWatermark into iWatermark Pro go to the advanced tab use the import button to load the old watermarks and settings.

Tech Support

For guestions first check the manual and if that doesn't answer it then visit the support page.

Registration Problem

If you have your registration issue click here for info. If that doesn't help go to the support page.

Comparison of older iWatermark and iWatermark Pro

The original iWatermark was written many years ago and is now at the end of its life cycle. iWatermark Pro is a complete rewrite of iWatermark using Cocoa, Xcode and the latest Apple technologies. iWatermark Pro is the most sophisticated watermarking app available.

Features	iWatermark	iWatermark Pro	
Maximum Number of Photos	200	Unlimited (based on memory)	
Simultaneous Watermarks	1	1, 2, 3 or more	
Speed	1	4 x or more faster, 64 bit	
Parallel Processing Aware	-	Multi-threaded use multiple CPU/GPU's	
AppleScriptable (Mac Only)	ble (Mac Only) - Yes, includes scripts and script men		
Shell Extension for Win Explorer		Right click to apply watermarks direct.	
Color Profiles	-	Uses existing and selectable profiles	
Output Folder	Flat	10 folder output settings	
Input File Types	jpg, png, tiff	RAW, JPG, PNG, TIFF, GIF, DNG, PSD	
Output File Types	jpg, png, tiff	jpg, png, tiff, psd, bmp, jpeg 2000, clipb	
Live Preview	- Yes, and share from preview window		
Resizing Photos	1 way	6 major options	
Import Watermarks	-	Yes, from Mac or Win version	
Export Watermarks	-	Archive or share to Mac or Win version	
Edit Watermarks	rks Simple Advanced (many more features)		

Watermark Drawer	-	- Organize, edit, lock, preview, share		
Metadata (XMP, IPTC)	IPTC	XMP and IPTC Extended		
Add/Remove Metadata	-	IPTC/XMP/GPS		
Embed Metadata in Watermark		IPTC/XMP/GPS		
Metadata Tags as Watermarks	-	IPTC, Tiff, File Attributes, Exif, GPS		
Effects	8	all those and more		
Watermark Location	Set by xy	Set by dragging or xy		
Scale Watermark	-	Actual, horizontal and vertical		
Text Watermark Formatting	font, size, color	font, size, color, rotation, transparency, shadow, border		
Background	color, opacity	color, opacity, scale, border, shadow		
Overall Effects				
Help	fixed	Online, contextual and detailed		
QR Codes as Watermarks	-	Create QR codes use as watermarks		
Creative Commons Watermarks	-	Easily adds any CC watermark		
Quick Look Plugin	-	Displays exported watermark info		
Works with all Photo Browsers	yes	yes		
PhotoNotary		Archive and share watermarks.		
Price	\$20 (NA)	\$30¹ \$15²		

¹ Shareware and Apple App Store (soon) ² Upgrade for previous iWatermark owners. Contact.

Why use iWatermark Pro Over Other Programs

- iWatermark is less expensive, faster and easier for watermarking than Photoshop because it was designed exclusively for watermarking and the workflow of professional photographers.
- iWatermark is made for Mac, Windows, iOS and Android. iWatermark Pro. Sharing watermarks between these apps will be possible by the beginning of 2017
- iWatermark can rename batches of files, filter input files, and resize photo files.
- iWatermark processes RAW images which most don't.
- ❖ iWatermark can add or remove IPTC/XMP info during batch processing of photos.
- ❖ IMPORTANT with iWatermark you can use photos of different resolutions and orientations in a batch and still keep the watermark on each photo looking the same because of the Scale and Location tools. Scale means a watermark can take an exact percentage of the width no matter the resolution or orientation of each photo.
- iWatermark has a sophisticated watermark editor that can create text, text arc, text banner, graphic, vector, line, QR, metadata and resize watermarks.
- iWatermark can create a watermark that embeds IPTC/XMP data each time its used with or without a visible watermark. Great for news organizations.
- iWatermark is extremely fast which is important as file sizes and processing of batches

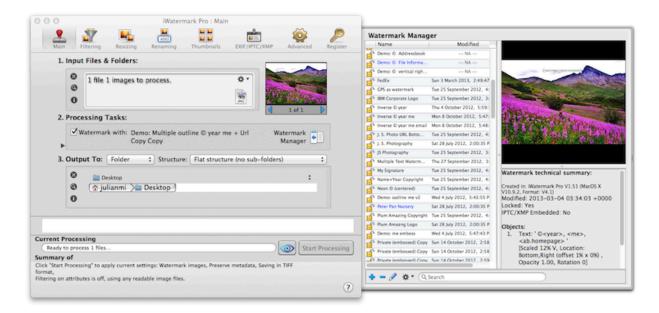
- continues to grow.
- iWatermark keeps a database of all watermarks that can be used with a click.
- ❖ There are applications like Photoshop that can watermark an image but iWatermark has a watermark manager which can track hundreds of watermarks. The manager also allows locking/unlocking, embedding IPTC/XMP, searching, renaming, deleting, previewing, merging, exporting, batch processing and sharing of watermarks.

IMPORTANT: Never delete your original files. Watermarking copies your original file and adds a visible watermark to it. iWatermark does not alter the original it only creates a copy. So, always keep your original unwatermarked files for safe keeping. This is probably totally obvious to you but has to be said for beginners.

Quick Start Tutorial

Watermark A Photo

Even though iWatermark can do many things (resize, rename, etc.) the most common use is to watermark images. This basic tutorial will guide you in putting a watermark on a photo. Screenshots were created on the Mac but should look basically the same in the Windows version.



Select or drag to the 'Input Well' a photo or photos and/or folders of photo(s) to be processed. Select/highlight a watermark or watermarks in the watermark drawer at the right. Create a folder on your desktop and select or drag it into the 'Output Well'. Hit the Start Processing button.

Done! Check the output folder for your watermarked images.

Make your own Watermarks

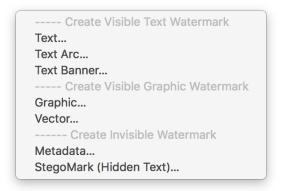
Start by creating a Text watermark. The other watermark types are created in a similar fashion.

To create your first watermark open the Watermark Manager drawer (see above screenshot). At the bottom left of the 'Watermark Manager' click the blue + button at the bottom of the drawer.



Another way is to go to the File menu and choose New Watermark or command N.

1. A dropdown menu appears, select 'Text...' to create a new text watermark.



2. You will see this watermark editor which allows changing settings for the text watermark.

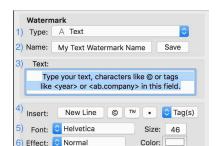


3. Add text. Change the font, size, color, and alignment, etc. as you wish. Give the watermark a good recognisable name, hit the 'Done' button and it will be saved in the 'Watermark Manager' where you can select it anytime you want to use it again to watermark a photo.

Watermark Types

Currently, there are 6 watermark types. Text, Text on Arc, Text Banner, Bitmap Graphic, Metadata and Stegomark. More are coming.

Below we discuss the settings for each watermark type in detail.



Text Watermark

To the left are the settings you see when creating a text watermark.

- 1) Set the dropdown menu to one of the watermark types.
- 2) Set the name you want for the watermark
- 3) Set the content for the text watermark.

- 4) Insert into the content special characters like the © symbol for copyright or [™] for trademark, etc. Also you can insert Tags which are variables for IPTC or EXIF info in the photo.
- 5) Set the Font and to it's right the Font Size.
- 6) Sets the effect like engrave, emboss, inverse, etc. To the right of Effects, set Color of the font, text dropshadow, and the direction of the light creating that shadow.
- 7) Set the Background color and Border details
- 8) Set Alignment (left, center, right) of text and padding which puts more padding/space around the text.
- 9) Change the rotation of the text.
- 10) Set the Opacity/Transparency.
- 11) Scaling ?description?
- 12) Repeat to cover image repeats the text multiple times across the photo. This is important for those people who want to insure no part of the photo is taken.
- 13) Pin allows you to set the location of a watermark in such a way that it is the same on all photos, no matter their resolution or orientation (portrait or landscape)
- 14) Set the location more finely than set by Pin.

The Text Watermark has the most settings so we started with it. For each of the following watermark type we only add the description of settings not included in the Text Watermark.

Text On Arc Watermark

The process to create a text on arc watermark is similar to a text watermark but it adds some settings particular to text on arcs. These additional settings are on the right.

Autosiz	e radius	
Radius:	52.797	
Outside	e Text	2•
Angle:	0	

Autosize Radius - ?description? Radius - ?description? Outside Text - ?description?

Angle - change the angle of the text on the arc. Or rotate the angle with the circle with dot icon.

Other settings not mentioned here will be found in the Text Watermark settings above.

Text On Banner Watermark

Is a text watermark with a rectangular banner that extends across the entire photo.

Bit Graphic Watermark

This is for logo's and other graphic art.

- 1. In the watermark editor click 'Add New Graphic'. You can choose any graphic file like your logo to act as a watermark. Graphics are best when they are .png files with transparency so the background does not show. See the <u>FAQ</u> for more details.
- 2. Click on any of the Tools to change the <u>rotation</u>, <u>transparency</u>, etc. Give it a name and hit save.
- 3. Your new watermark is added to the dropdown menu (seen above). Choose it or any other to watermark a photo. Use the button to delete the displayed watermark.

Metadata Watermark

Metadata watermark are very simple to create. Metadata in this case is information about the photo.

Stegomark Watermark

A Stegomark is a steganographic watermark. This is a watermark that hides information in the color info of the photo itself. Stegomark was created and is unique to iWatermark.

Someone could crop out your visible watermarks from your photo but a Stegomark is much more likely to remain embedded in a photo because it is invisible and more resilient to jpg compression, cropping and other changes than a visible watermark.

Main Settings Panel

In this section we will go through each tab at the top of the main window and provide more details.

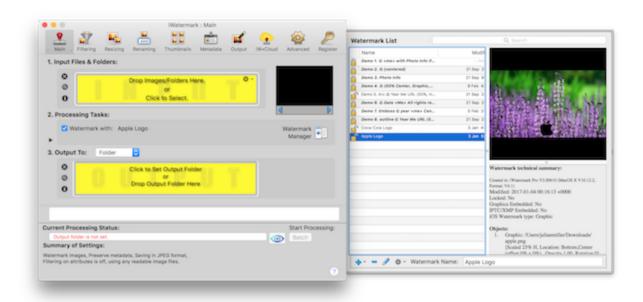


Each tab in the toolbar above corresponds to an area which deals with particular types of actions.

- ➤ Main
- Watermark Manager
- ➤ Watermark Editor
- > Filtering
- > Resizing
- Renaming
- > Thumbnails
- ➤ EXIF/IPTC/XMP
- Advanced
- > Register

1. Main

The main window in iWatermark Pro. The place where you will do your watermarking.

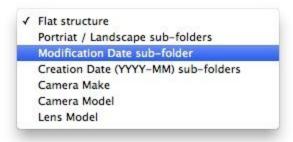


Input - where you select photos for input. Click in this area to select a file or folder or just drag in the file or files you want to process. The input area displays icons of what file types are dragged in (JPEG, PNG, RAW, etc.) and displays when a folder(s) too.

- Click
 - Click the X to remove selected files/folders.
 - Click the Magnifying glass to see the location of files.
 - Click the 'i' to get the info/preview window. Clicking the preview does the same.

Processing - this area overview of the settings for watermarking, resizing, renaming etc. Here you can quickly set which watermark is to be used from the dropdown menu. Also you can turn on/off resizing, thumbnails, EXIF/IPTC/XMP, and you can set the output format and quality (if jpeg). **Output** - click and select or drag in a folder where your newly processed files will go.

Click the X to remove selected files/folders.



Watermark Manager - the window on the right. This is where you select one or more watermarks to be used to watermark a photo or photos.

You can set the structure of the output folder. Changing the folder structure to Portrait / Landscape sub-folders will the separate out all your input photos into two folders one containing the Portrait and the other the Landscape orientation photos.

To the left of the 'Process' button is the preview button which looks like this. This preview window gives an idea of the way the watermark will look on the selected photo. It is also possible to Share direct from here to social media. Click the button at top right to share a the single image previewed to Facebook, Email, Messages Twitter, and other social media you have choose in the Mac OS System Preferences. Click the More... to turn on more available social media.

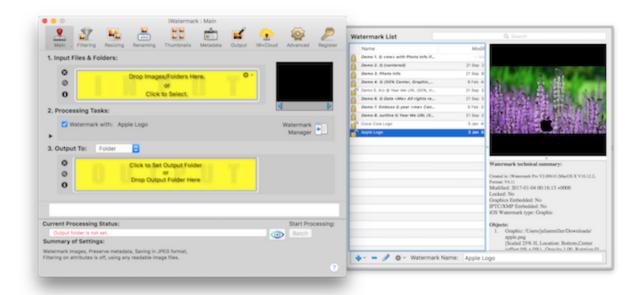


a. Watermark Manager

The Watermark Manager is unique to iWatermark. Here is where watermarks can be:

- kept and previewed.
- > selected to watermark an image.
- > double clicked to edit.
- renamed using the field at the bottom right.
- > searched for using the search field at top right.
- ➤ deleted.
- > locked/unlocked which they are protected when locked you can't edit or delete them.
- ➤ embed IPTC/XMP
- exported and shared via email or social media.

Watermark Manager Window (it is on the right below)

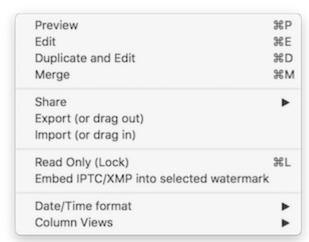


Create - create a new watermark. Click the + and see this numerous watermark types you can create (screenshot below).



- **Delete** select one or more watermarks to delete them.
- **Edit** select a watermark and click this button or double click to edit in the watermark editor.

Click on the **Options Menu** under the gear icon * and see this menu:



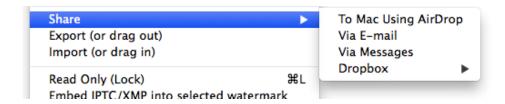
Preview - gives a preview using the selected photo and watermark.

Edit - select a watermark and click edit or double click a watermark to edit.

Duplicate and Edit -create a new watermark with a new name based on previous work.

Merge - combines 2 or more watermarks into one.

Share - watermarks via PhotoNotary, airdrop, email, messages and/or dropbox.



Export - use this or even easier just drag a watermark to the desktop to share or for backup. Exported watermarks have this icon:



Import - use this command or drag in exported watermarks, with the above icon, to have them in the Watermark Manager.

Lock / Unlock - Click on the little lock to lock/unlock a watermark. Locking makes it read only and not editable or deletable.

Embed or Remove IPTC/XMP from watermark - embed or remove the info that is in the IPTC/XMP area into a watermark. Then when this watermark is used in addition to any other activities it also embeds that metadata.

Date/Time Format - change the date/time formats displayed in the Watermark Manager.

Column Views - shows and hides the different column items in the Watermark Manager.

b. Watermark Editor

To create a new watermark click new watermark in the File menu or click the + button and you will see this.



Clicking any of the above items will open the Watermark Editor to create that watermark type.

ix. Effects

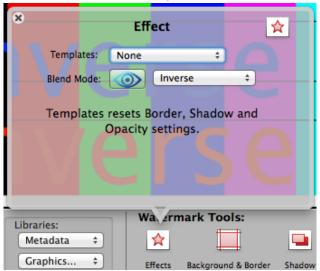
Normal
Inverse
Inverse outline
Embossed
Embossed background
Engraved
Engraved Background
Black Shadow
White Shadow
Outlined

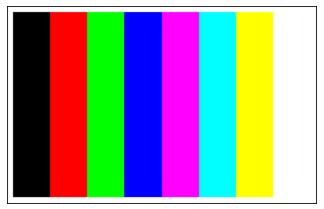
No Effect

Inverse - Subtracts either the source image sample color from the background image sample color, or the reverse, depending on which sample has the greater brightness value. Source image sample values that are black produce no change; white inverts the background color values.

Inverse is a useful one that can be used because it keeps even fine text legible on images with variable tone backgrounds. The more white used with inverse the better. This is true for text and graphics. Black won't do anything. Its best to use white in either text or graphics for inverse mode.

To demonstrate how Inverse works we created a watermark and when used over the color bar image below shows you the different ways inverse works. Each of the text items were made inverse by setting the blend mode for each selected text object to invert like this.



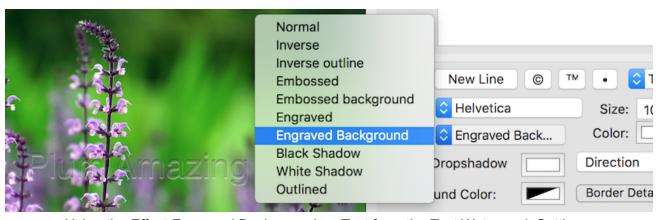


This image (above) drag to your desktop and then into the input tray of iWatermark + this watermark (click to download, then double click to install) = screenshot (below).

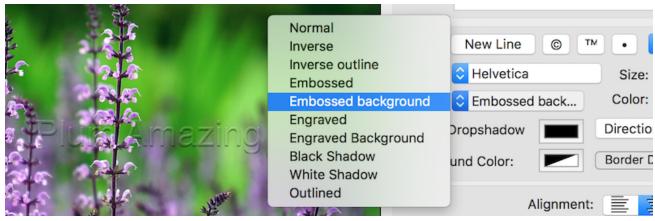


Inverse Outline - ?description?

Emboss and Engrave



Using the Effect Engraved Background on Text from the Text Watermark Settings



Using the Effect Embossed Background on Text from the Text Watermark Settings

Emboss Background and Engrave Background are semi-transparent showing the photo below. Emboss and Engrave use text color to fill embossing. Both are useful for subtle watermarking.

Currently you only have control of one of two drop shadows in the emboss / engrave effect. Outside shadow color is controlled. Inside shadow is fixed to black for Emboss and white for Engraved.

NOTE: Currently only works in Text watermark — not in Banner or Arc text or Graphic yet.

Black Shadow - ?description?

White Shadow - ?description?

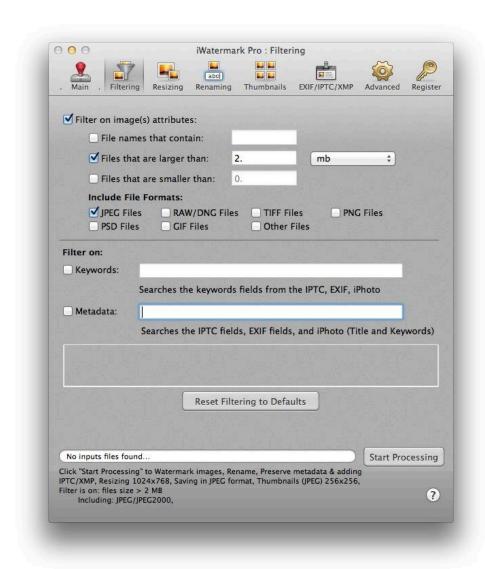
Outline - ?description?

2. Filtering

Set the filter to allow certain types of files to be processed.



Filtering



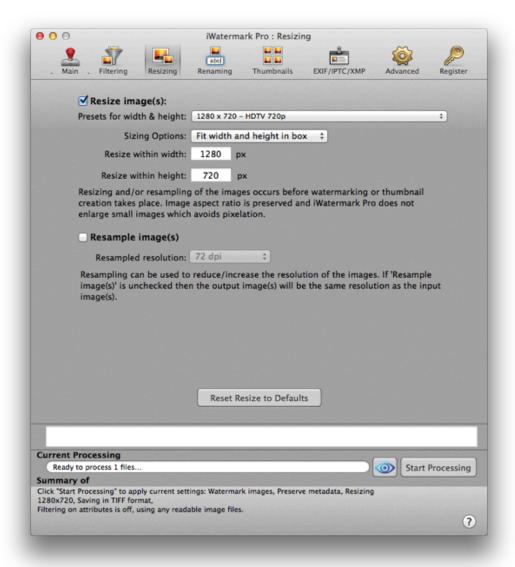
Filtering can be turned on here on or on the main page. If you drop a folder in the input filled with all kind of different format photos but you only want to watermark the .jpg files then filtering can help you. Filter the input files on attributes, keywords and/or metadata.

3. Resizing

Change the size and sampling of the processed photos.



Resizing



Resizing

Turn on resizing on this or the main page to resize or watermark and resize. Resizing takes the original and produces a copy that is a particular size. It reads resize within width and within height and that means it will resize the photo within those dimensions. You can also use the handy presets which are commonly used sizes to resize to.

Resampling

Is used to change the sampled resolution. What does this mean? Here is a good explanation.

4. Renaming and Output Settings

Renaming

Rename all the processed photos automatically.



Renaming



Turn on rename here or on the main page. Renaming makes copies of the input files and renames them whatever you decided based on your selection above. Select the tag you want to add to the name of the file(s) or type in your own prefix/suffix. The tags are variables that stand for that info in the photo. Model will put in the model of the camera in the name of the new file. Counter will increment by 1 for each photo processed.

TIP: Set the Time and Date format on the **Mac** go to Language & Regions in System Preferences then hit the Advanced button. On **Windows** click Start menu, and then click Control Panel then click Date or Time.

TIP: Drag in/out the various tags (date, time, camera, model, etc.) and look at the preview to get a taste of what a file name will look like.

Output Settings

Here you can change the file format, quality (also available on the main page) and JPEG progressive.

Output file:				
Image format: *	JPEG	File extension: **	jpg	(Tag: File Ext.)
Quality: *		100	✓ Lowercase extension	
✓ Use JPE	G Progressive (recom	mended)		
* For conve	nience the above is du	plicated on Main pane	's more Proc	essing Tasks
recognized	NT: Output file names by applications. If uns help button below.			
Copy input cr	eation date to output	file		

Image format: change the output format from jpeg, TIFF, Photoshop PSD, PNG, BMP and JPEG 2000.

File extension: don't change this unless you know what you are doing and have a specific reason. Some people asked for this ability but it means that double clicking the icon will not open up apps that rely on that extension.

Quality: changing the quality slider means that you change the JPEG compression. It can go from 100 which means that the quality is exactly the same or lossless. Unfortunately, setting to 100 increases the file size, this is true of all applications. We recommend a setting of 85 which it is by default. 85 gives great quality and slightly smaller sizes than the original file. More detail about quality are described in this online article:

http://blog.phaseone.com/tag/jpeg/

Another excellent article on this:

http://regex.info/blog/lightroom-goodies/jpeg-quality

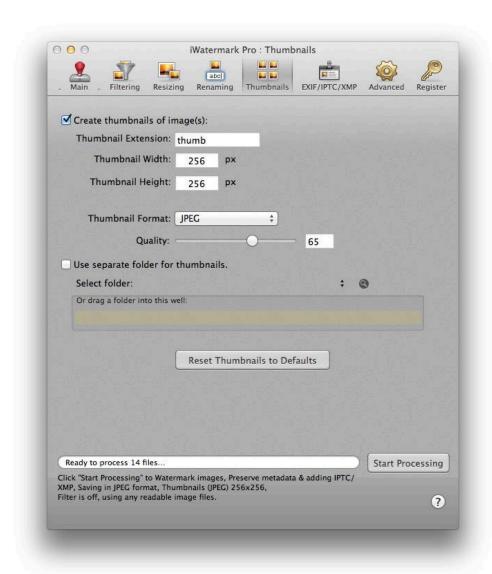
Both should help you understand why we recommend 85 but leave it to you to change as you wish. **Lowercase Extension:** makes the extension lowercase. Turn it off to have it have it retain case. **Use JPEG Progressive (recommended):** This is recommended. Progressive JPEGs (p-JPEGs) are typically slightly smaller than baseline JPEGs, but their main advantage is that they appear in stages, giving the effect of the image fading in, similar to interlaced GIFs, as opposed to painting from the top down.

5. Thumbnails

Create thumbnails of the processed photos.



Thumbnails



Turn on thumbnails here or on the main page to get a thumbnail of certain dimensions for each processed file. The thumbnails are processed directly into the output folder with any other photos but with the extension thumb to differentiate them from the regular photos. Select the "Use separate folder for thumbnails" if you want to have all the new thumbnails in a new folder in the output folder.

6. EXIF/IPTC/XMP

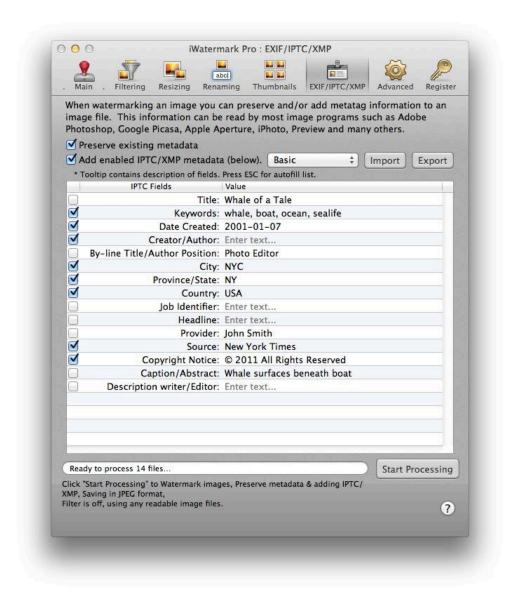
All the above EXIF, IPTC and XMP are types of Metadata. iWatermark can do 3 things with metadata.

- 1. It can add and remove metadata from a photo or photos.
- 2. It can add and remove metadata from a watermark.
- 3. Metadata can be displayed in a visible watermark. First we will talk about point 1.

1. Adding and removing metadata from a photo or photos.

iWatermark Pro can preserve, remove and embed meta tag info. Also this metatag info can be used to a watermark photos. <u>More details on EXIF, IPTC and XMP here.</u>



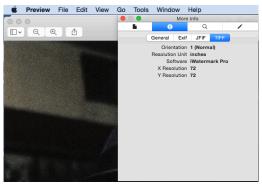


Preserve existing metadata - Turned on by default. This duplicates all the metatag info in the original file into the copied file.

Add enabled IPTC/XMP metadata - When this is selected all the checked metatags (user customized) in the dialog above are added to the copied of the original file.

The drop down menu which says Basic, Professional and Corporate allows you to select the number of metatags you want to edit and use. All the items you check off will overwrite be added in the file copy.

Tip: Under TIFF 'iWatermark Pro' is added under Software (seen below).



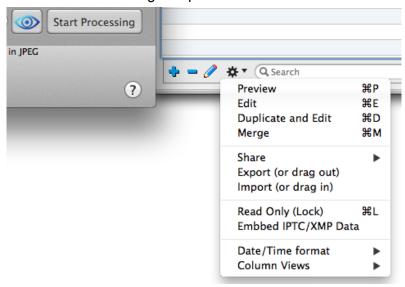
If you need to search using metadata for all watermarked images then this will work.

2. Adding and removing metadata from a watermark.

The usefulness of adding metadata to a watermark is that then each time you watermark a photo it adds a particular set of metadata at the same time.

iWatermark is the only program we know of that can do this. Why is this useful? As a photographer you can have a watermark that puts a visible watermark with your logo on top of the photo and simultaneously adds metadata you selected like your copyright, your company name, url, email and/or any other text data you want.

How to embed metadata into a watermark. First select a watermark. Then go to the EXIF/IPTC/XMP panel and enter the data you want embed into the watermark. Then to to the Watermark Manager and select the settings dropdown menu and choose the Embed item.



This info will show up in the column for IPTC/XMP in the Watermark Manager and look like this.

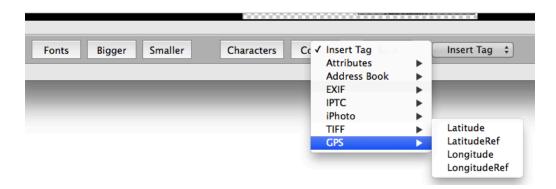


3. Metadata can be displayed in a visible watermark.

To do this create a new text watermark select EXIF, IPTC and XMP metadata variables like Camera Model as text for a watermark which will when processed display that info as a visible watermark on the photo(s). Select the tag info from this menu when making a watermark:



<Model><Latitude>



7. Advanced

Setting that don't normally need to be changed.



Advanced



Auto Open Progress - after start processing is hit then opens the progress dialog automatically.

Auto Close Progress - after processing if this is checked the progress dialog closes automatically.

Expand Processing Window - when on the processing area on main tab is always open.

Show Library Files open in Finder the library where examples and your stock Watermark graphics can be added.

Settings & Watermarks - click this button to import prefs from the old iWatermark (not pro).

Show Library Files - this is the location of the files that you create.

Show Preference File - opens the finder to the location of the preference file and highlights it.

Show Backup Files - we make copies of your originals to make sure there is a second copy. This button will open that folder in the Finder.

Reset All Defaults - resets the application to the original default settings. This is very useful to use if you encounter a problem.

Editor Background Color - this is the background color of the editor. It can also be set from a drop down in the editor at the top right corner.

Expand Processing Tasks on Main Tab - having this checked will make it so every time you open iWatermark it will open to the Main Tab with the middle section (processing tasks) expanded.

Use JPEG Progressive - uncheck to use baseline JPEG. Don't change this unless you know what you are doing.

For Images Without Embedded Profile - lets you choose various profiles that come on the Mac or Windows or that are loaded from Nikon, Canon or other software. More about ICC color profiles is <u>here</u>.

Create History File- only needed if we ask you to turn it on for tech support or you want a log of all operations.

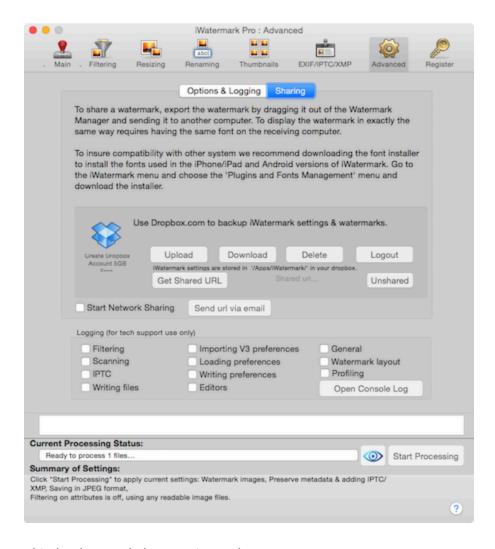
Show History File - this shows that log file.

Import Older iWatermarks - will import the older iWatermark watermarks. Each time the button is hit it will import all older watermarks so its best to hit it only once unless you want to have duplicates

of all old watermarks.

Logging - only needed when requested by our tech support. This info helps our programmers.

Sharing

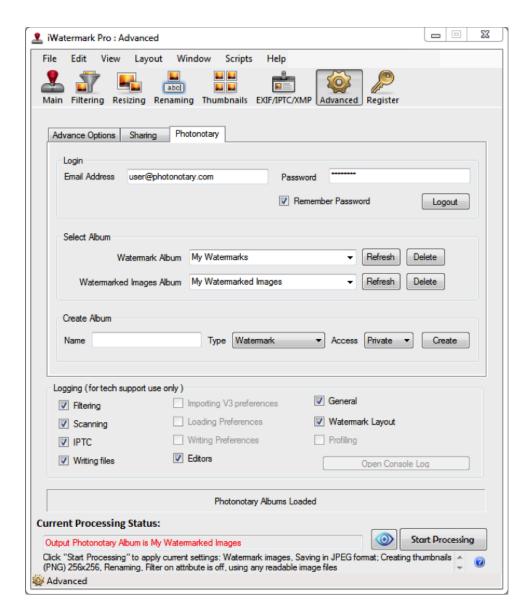


Dropbox is used to backup and share watermarks.

Drobox Icon - Click here to go to the Dropbox site and create a free 2 GB online storage area. **Dropbox Upload** - Once you have a Dropbox account click this button to upload. This is good to backup your watermarks online. It also allows you to sync your watermarks and settings with other computers.

Dropbox Download - download your watermarks and settings from Dropbox to your computer. **Dropbox Delete** - deletes your watermarks and settings in Dropbox.

PhotoNotary - this allows a user to save their watermarks to the PhotoNotary cloud service. Register then login to begin using the service. Once logged in the list of albums is seen. New PhotoNotary albums can be created and existing albums can be deleted from within here.



When "PhotoNotary" is selected as output location, the watermarked images are saved in a temporary location and uploaded in the background. If there are files being uploaded then it will show a warning on closing the application and shutting down the application will terminate the upload.

8. Register



Register

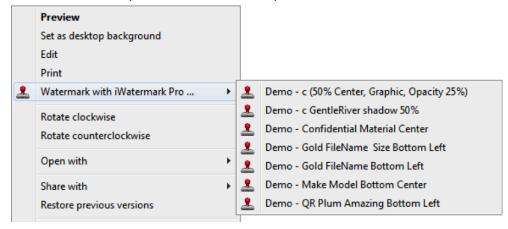
This tab is the place to enter your registration info if you bought iWatermark Pro from us and not the Apple App Store. Here is where you place the registration info we sent automatically when you purchased iWatermark Pro. Once you enter the info and hit the apply button you get a dialog that says you are now registered.

Using Apple's Photo's app with iWatermark Pro Mac

The Photo's works with iWatermark Pro as stand alone apps. iWatermark will work within Photos as a plugin soon.

Applying Watermark from Windows Explorer

Since release 2.0.1 of windows version you can apply a watermark from within the windows explorer. This feature is called shell extension. Right click on an image file (JPEG, PNG, TIFF, BMP, PSD) then select 'Watermark with iWatermark Pro' and in the hierarchical menu one of the watermarks listed (see below screenshot).



The image is now watermarked. Quick and simple.

Note: the file format will remain the same but you can control the image quality from the application's main panel. Limitations of the shell extension:

- 1. One watermark at a time can be applied.
- 2. A thumbnail won't be generated.
- 3. If the image file is locked by another application it won't work.
- 4. A read only file will be watermarked but then it will no longer be read only but writable.

Menus

iWatermark Pro Menu



Check for Updates

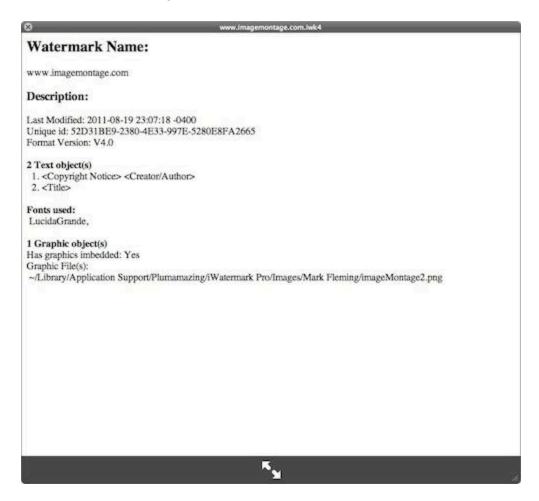
Allows you check for new versions of iWatermark Pro. We recommend always having the latest version because we are busy fixing bugs and adding new features.

Fonts

Use the installer to install all the fonts used in the iPhone/iPad and Android versions of iWatermark

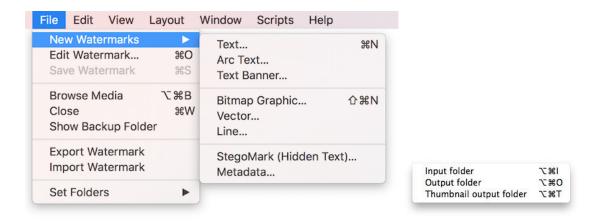
and also many Google fonts. Having the same fonts on different computers and different OS's means that exported watermarks can be shared and look the same. These additional fonts help with watermark compatibility because we now offer sharing of watermarking between Mac, Windows and soon iOS and Android versions of iWatermark. They are also an excellent collection of fonts to use in watermarks.

The font and plugin installer is <u>here</u>. Plugins are no longer recommend but are in the installer for people who wish to continue using Aperture and iPhoto on older versions of Mac OS.



If you have many exported watermarks files in a folder you can click on one and hit the quick look hotkey command space to show the above dialog with info on the watermark.

File Menu



New Watermark - Create a new watermark in the editor. Does the same as hitting the + button.

Edit Watermark - Does the same thing as hitting the Edit button on the Main panel.

Save Watermark - Does the same thing as hitting the Save button in the Watermark Editor.

Browse Media - Downloads the optional and free iMedia Browser (Mac only) which allows you to easily grab photos from various locations. Once its downloaded then it works instantly to allow selection of photos.

Show Backup Folder - displays the location in the finder of the backup folder for original input files.

Export Watermark - Exports the current watermark file with the icon below.

The exported watermark contains the text and graphics but not the fonts. You can then import this too iWatermark Pro on another computer. Very handy for sharing your watermark with others.



Export icon

Import Watermark - Imports those exported watermark files.

Set Folders - This does the same setting of input/output/thumbnails that you can do in Main panel.

View Menu



Settings -Show Object Handles -

Next Input Photo - Previous Input Photo -

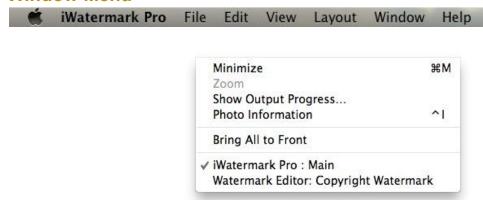
Next Watermark Object -Previous Watermark Object -

Layout Menu



Align Left Edges Align Right Edges Align Top Edges Align Bottom Edges Horizonal Centers Vertical Centers

Window Menu



Minimize - Search thru the menu and Apple resources. Does not search the manual.

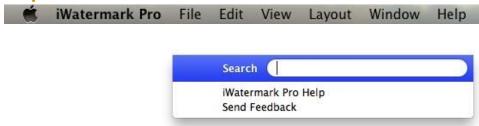
Zoom - Opens the online manual you are in right now :)

Show Output Progress - If you have suggestions/bugs you can report them here. We look at **Photo Information** - Opens the info dialog for

Bring All to Front - All iWatermark Pro windows are brought to the front.

Windows - Displays the open windows of iWatermark Pro.

Help Menu



Search - Search thru the menu and Apple resources. Does not search the manual. **iWatermark Pro Help** - Opens the online manual you are in right now:)

Send Feedback - If you have suggestions/bugs you can report them here. We look at these but may not respond.

Frequently Asked Questions

Q: I am having a problem.

A: No matter what the problem is please follow these steps:

FIRST: Go the advanced tab and hit the 'Reset all defaults' button. This usually takes care of the problem which is that people forget that they made changes to various settings. Then try again.

SECOND: Open the program and under the iWatermark Pro menu in the About menu item select that to see what version you are running and that it is the latest. Make sure you have iWatermark Pro in your Application folder and not the old iWatermark. Delete all old versions. If needed download the latest version of iWatermark Pro from our site.

THIRD: Make sure you are registered. See above.

FOURTH: Start simple. Try a simple watermark. Drag one photo into the input tray and an empty folder into the output tray. Select one of our demo watermarks in the drop down menu. Hit process then check the output folder to check the photo is watermarked.

If you still have a problem then email us and send us this info:

- 1. Let us know if you followed the procedure above.
- 2. Send us the photo you are using. Also export and send the watermark you are using.
- 3. Send us the console log after causing the problem in iWatermark. To do this open the console log hit the button on the advanced tab that says 'open console log'. Clear the console log then run iWatermark again to cause the problem then copy the resulting info in the console log and email it to us.

Q: How do I import my old iWatermark watermarks?

A: Go to the advanced tab and hit the import button. Only hit it once or you will get duplicates.

Q: How do I rename a Watermark?

A: In the watermark manager click on a watermark name to change it. You can also select a watermark and open it in the editor. At the bottom right change the name and hit save.

Q: Your example watermarks are very good how do I edit them for myself?

A: Just select them and click on the edit button. It will create a new one with the same title and the work copy at the end. Be aware of the fact that some may have white text which on a white background may not be obvious. Just drag over the text to select it and change it to whatever you want. Often in our demo watermarks we use the tag <Me> which pulls the main contact (usually you) from the address book.

Q: How do I create a watermark with a transparent background like the demo signatures you include?

A: Its very simple and any intermediate graphics pro will know how but anyone can do it. Here are a couple tutorials <u>Tutorial 1</u> and <u>Tutorial 2</u>.

Q: I am having a problem registering. What should I do?

A: If you have any problem registering follow these steps:

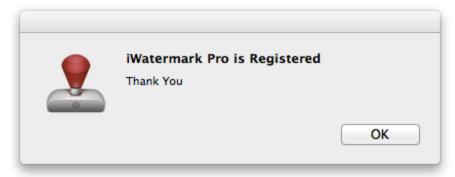
- 1. Make sure you have iWatermark Pro in your Application folder and not the old iWatermark.
- 2. Delete all old versions. Download the latest version of iWatermark Pro from our site.
- 3. Open the program and under the iWatermark Pro menu in the About menu item select that to see what version you are running and that it is the most recent.
- 4. Quick Registration.

You received an email with a link that begins with iWatermark://name=..... If you use Apple Mail and Safari click that link in the email you were sent. Or copy that link and put it in the url field of your browser (Safari or Firefox. It does not work in Chrome) and hit the enter or

return key.

5. Manual Registration

You can manually register if the above does not work. From the registration email copy each item exactly making sure not to add extra spaces or carriage returns, then on the main screen hit the Register tab. The icon with the golden key. Paste each item in the corresponding field. After a click on the Apply Registration button you should see this:



6. If you get a dialog like the above that says you are 'Not registered' then click on each field and hit the delete key till you have deleted everything there then copy and paste your registration data from the registration email we sent.

Q: Isn't Digimarc the serious way for real photographers to do watermarks on photos? **A:** Many thousands of serious professional photographers use iWatermark. The reason we developed iWatermark is because we had a need for watermarking our photos (several of us are photographers) and we wanted something that worked easily, cheaply and effectively. We investigated digimarc and many other methods that embed a watermark in the image. We found digimarc to cost hundreds of dollars a year (and they charge based on the number of images) and the digimarc technique is not foolproof or really that practical. If you embed your data in some invisible fashion like Digimarc then people don't see it. There is software that does visible watermarking, like iWatermark, and software that does hidden watermarking, like digimarc. Say you have an iPhone and you lose it in a park, you are much more likely to get it back if it is engraved with your name and phone (iWatermark) then if some info is hidden/encrypted on its flash drive (Digimarc).

Considering these facts we decided from the start that iWatermark should be straightforward, inexpensive, use visible as well as hidden watermarking. The most effective approach we decided was to make software that can batch process hundreds of images and put on a beautiful watermark (logo, signature, copyright, whatever). This notifies people right up front and out in the open of your ownership.

Can they remove it? Yes, but the same is true of Digimarc. When you save an image in jpg it is recompressed (jpg is a compressed format) the pixels all get shuffled around and rearranged thus losing the embedded digimarc info. Unfortunately we are still early in the digital age and copyrighting intellectual property is not perfect. This is a problem for musicians, movie makers, photographers and software developers. I just did a google on the subject and found this interesting link by a photographer that states the case quite well. http://www.kenrockwell.com/tech/digimark.htm

Digimarc is like thinking you are protecting your land by burying a no trespassing sign under it. No one will see it and they will think its public land and that they can do what they want. Not very effective. The reality is that making it perfectly clear some property is yours is still the best means of protection and the first defense. that is why we created iWatermark. iWatermark was a conscious choice to use visible watermarking not hidden watermarking. We also wanted to provide a method that is easy to use, practical and inexpensive that everyone can use and understand.

Finally even when iWatermark becomes your first line of defense (for digital rights management) there is no reason why you can't also use other methods like Digimarc.

Q: Why should I watermark the photos I put on Facebook, Twitter, Instagram, Tumblr, etc.

A: Excellent question! Because all those services remove your metadata and there is nothing tying that photo to you. People can just drag your picture to their desktop and share to others till there is no connection to you and no info in the file that says you created or own it. A watermark makes sure that everyone is clear on the fact that the photo is your IP (intellectual property). You never know when a photo you took will go viral.

Q: How do I use the fonts you have in the iOS version of iWatermark?

A: Now, the easy way is just go to the installer of iPhoto and Aperture plugins and install those plugins and fonts at the same time.

Also these are the fonts available in the iOS system versions like iOS 5, iOS 6 and iOS 7: http://iosfonts.com

Q: I got a watermark from a friend. When i imported it, it did not look exactly like theirs?

A: We worked hard to make sure that you can export and share watermarks to other computers and have it look the same but a difference can be caused by these factors:

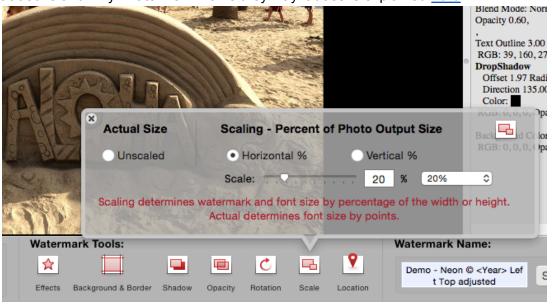
- 1. Different operating systems do things slightly differently with graphics, color, display, etc.
- 2. Different fonts. If you don't have the same exact font as they do then there will be a difference in the look. It might even be the same font but a different version.

Font Solution:

- 1. get your friend to send you the exact font.
- 2. find free or buy the same font online.
- 3. make sure you downloaded the font and plugin installer, installed the fonts from that because that is many of the extra fonts used on iOS and Android.

Q: When I rotate my water mark text 90 or 270 degrees, it becomes very, very small. It is like the width/height-percentages doesn't follow the rotation angle.

A: This is a result of the method you choose for scaling. When you create a watermark in the watermark editor by default it is set to Horizontal. If you choose Horizontal or Vertical it will do that jumping around, getting smaller and larger, but if you choose unscaled then it will behave normally. It is important to understand the tradeoffs of using Unscaled, Horizontal and Vertical scaling. Those tradeoffs and why iWatermark works they way it does is explained here.



Q: When I use a tag within a watermark I am not seeing any watermark show up?

A: You need to have photos that have that tag embedded in them or nothing will show on the photo. Another way that would work is to pushing tag into that you entered into the EXIF/IPTC/XMP area of iWatermark.

Q: How do I use my Photo Browser with iWatermark?

A: iPhoto, Aperture, Lightroom, Xee, iMedia, ACDSee, iView, Picasa, QPict and other image browsers can all be used with iWatermark Pro.

Drag or select a photo or folder into iWatermark Pro and then watermark as usual.

Q: Does iWatermark Pro work with Aperture, iPhoto, Lightroom and other photo browsers? A: Yes, it does. For all these apps and others, iMedia browser allows quick access for drag and drop from the photo browser, iPhoto or Aperture's library to iWatermark Pro. Just download iMedia browser and install. Then use iWatermark Pro File menu to access iMedia browser.

Q: iWatermark Pro is so much faster than iWatermark but I have to process thousands of photos. Do you have any tips for optimizing the speed?

A: Close the info window if open. Close the preview pane if open. Input on one drive and output on another. More and faster processors, more memory and faster drives like flash drives or RAID drives all help.

Q: Is there a iWatermark Pro for Windows?

A: There is an iWatermark for Windows now and soon an iWatermark Pro for Windows.

Q: Which RAW file formats does iWatermark Pro read?

A: Apple continues to release updates in the Mac OS to better support the various RAW formats, When the Mac OS is updated iWatermark takes immediate advantage of these upgrades. More info is in this Apple Tech Note: http://support.apple.com/kb/HT4757

Windows users can get Microsoft's Camera Codec Pack and install it. http://www.microsoft.com/en-us/download/details.aspx?id=26829

Q: Can I use some of the metadata to watermark the file?

A: Yes, we recommend trying it out because it can be very useful. Go to the 'Add a text watermark' drop down menu choose 'Metadata' select from one of the EXIF, IPTC or other choices and it will drop in a text variable that will insert the right data when processing.

Q: If a CMYK image is in the process batch, will it change the color mode to RGB?

A: Yes it will, iWatermark currently only deals with RGB, so it will open a CMYK image, but converts it in the process.

Q: What is XMP? What is IPTC? What is EXIF?

A: See the terminology section.

Q: How do I uninstall the plugins.

A: To uninstall the iWatermark plugins in iPhoto and Aperture

iPhoto

======

1. Quit the iPhoto application if it is running.

- 2. In the Finder select the Go Menu -> Go To Folder type in:
- ~/Library/Application Support/iPhoto/Plugins

A new Finder window will open showing you the plugin folder.

- 3. Delete "iWaterMarkFileExporter.iPhotoExporter" in the iPhoto plugin folder.
- 4. Launch iPhoto. To test select photo to export. Then select:

File->export

iWatermark plugin should be gone so you can no longer select the plugin.

Aperture

======

- 1. Quit the Aperture application if it is running.
- 2. In the Finder select the Go Menu -> Go To Folder

type in: ~/Library/Application Support/Aperture/Plug-Ins/Editor

- 3. Delete "iWatermark Stomper.ApertureEdit"
- 4. In the Finder select the Go Menu -> Go To Folder

type in: ~/Library/Application Support/Aperture/Plug-Ins/Export

5. delete "iWatermarkApertures.ApertureExport"

Q: Where are the plugins, preferences files and folder that contains the watermarks located? A: Locations of all iWatermark files.

Watermarks location:

Click on the Advanced tab then click the button 'Show library files' which will show the watermark and other graphic files in the finder.

Preferences location:

Click on the Advanced tab then click either button 'Show preference file' which will show the preference file in the finder. If you want to find the library below yourself then remember to option click in the Go Finder menu reveal Libarary. Apple hides the Library folder from general use.

 $\label{lem:machine} \textit{Mac HD:Users:YourNameHere:Library:Containers:com.plumamazing.iwatermarkpro:Data:Library:Preferences:com.plumamazing.iwatermarkpro.plist} \\$



Plugin locations:

Photo Plugin is installed in:

~/Library/Application Support/iPhoto/Plugins/

QuickLook plugin is installed in:

/Library/QuickLook (ie. for all users -- this requires Admin account).

Aperture plugins are installed in:

- ~/Library/Application Support/Aperture/Plug-Ins/Export/
- ~/Library/Application Support/Aperture/Plug-Ins/Editor/

To download the installer of the plugins from the iWatermark Pro's menu choose, 'Download Installer to Install iPhoto & Aperture Plugins and Fonts'. Or you can download the installer here: https://plumamazing.com/bin/iwatermarkpro/iWatermarkPluginInstaller.pkg.zip

The following folders should exist already but they must exist for the installer to place the iPhoto and Aperture plugins:

- ~/Library/Application Support/Aperture/Plug-Ins/Editor
- ~/Library/Application Support/Aperture/Plug-Ins/Export
- ~/Library/Application Support/iPhoto/Plugins

If the installer has a problem check to see if they are there. Hold option key down and select the Go menu to access the library folder. Then check the Application Support folder and if they are not there you can create them manually. Or if you are familiar with the Terminal then copy and paste the following into the Terminal:

mkdir -p ~/Library/Application Support/Aperture/Plug-Ins/Editor

mkdir -p ~/Library/Application Support/Aperture/Plug-Ins/Export

mkdir -p ~/Library/Application Support/iPhoto/Plugins

For the record these are the plugins that go in those folders: iWatermarkAperture Export.ApertureExport goes in Export folder iWatermarkAperture Stomper.ApertureEdit goes into Editor folder iWaterMarkFileExporter.iPhotoExporter goes into iPhoto/Plugins folder

Q: Can I use iWatermark on 2 computers?

A: You can have it on your desktop and laptop but just have iWatermark open on only one at a time.

Q: I use Lightroom. Why should I use iWatermark?

A: iWatermark provides watermarking tools not available in Lightroom. For example a text watermark in Lightroom is one fixed size in pixels so that watermark will vary depending on the resolution of the photos being watermarked. Whereas iWatermark has text watermarks that optionally scale proportional proportionally depending on resolution or portrait/lanscape. Lightroom uses pixels to determine watermark location whereas iWatermark position the watermark proportionally based again on esolution or portrait/lanscape. That means if you watermark a batch of photos of different resolutions and/or landscape or portrait orientations that iWatermark can have a watermark that maintains the same look/identitiy on all these kinds of photos. iWatermark also has options not to scale. These are 2 big differences.

Sharing Watermarks

Export watermarks and email or place them in PhotoNotary, Dropbox, Google Drive or SkyDrive folders for use on other computers. Can be used between Macs now to other computers and mobile devices.

Dropbox - Get a free account with 2 GB of space by clicking here. Google Drive - Get an account here 5 GB free. Overview of Google Drive here. OneDrive - Get an account here and 7 GB free.



On the Mac once someone sends (via email or one of the above services) you an exported watermark just double click it to open/install in your version of iWatermark Pro for Mac.

An exported watermark has an icon that looks like this.

Terminology

Digital Watermarking - the process of embedding information onto or into a media file which may be used to verify its authenticity or the identity of its owners.

Watermark - a visible and/or invisible digital watermark that identifies the owner of a particular piece of digital media.

Visible digital watermark- info visible on a photo. Typically, the information is text or a logo, which identifies the owner of the photo. That info is merged into the image info but still visible.

Invisible digital watermark - info embedded within the image data of the photo but is designed to be imperceptible to human vision so it is hidden info. Steganography uses the same technique but for a different purpose.

Metadata - is the descriptive information embedded inside any type of file. All the items below EXIF, XMP, and IPTC are metadata that is added to a photo. Metadata does not change the actual image data but piggybacks on the file. Facebook, Flickr and other online social platforms remove all this metadata (EXIF, XMP and IPTC).

EXIF - Exif - Exchangeable image file format (Exif) A type of metadata that almost all digital cameras store within photos. EXIF stores fixed info like date & time taken, camera settings, thumbnail, descriptions, GPS and copyright. This info is not meant to be changed but it can optionally be removed from photos. The specification uses the existing JPEG, TIFF Rev. 6.0, and RIFF WAV file formats, with the addition of specific metadata tags. It is not supported in JPEG 2000,

PNG. or GIF.

http://en.wikipedia.org/wiki/Exif

IPTC - is a file structure and set of metadata attributes that can be applied to text, images and other media types. It was developed by the International Press Telecommunications Council (IPTC) to expedite the international exchange of news among newspapers and news agencies. http://en.wikipedia.org/wiki/IPTC (image_meta-data)

XMP - Extensible Metadata Platform (XMP) is a specific type of extensible markup language used to store metadata in digital photos. XMP has subsumed IPTC. XMP was introduced by Adobe in 2001. Adobe, IPTC and IDEAlliance collaborated to introduce in 2004 the IPTC Core Schema for XMP, which transfers metadata values from IPTC headers to the more modern and flexible XMP. http://www.adobe.com/products/xmp/

Tag - is one piece of metadata. Each item within EXIF, IPTC and XMP is a tag.

Miscellaneous Links and Info

 $\label{eq:control} \text{OS X Lion: Supported digital camera RAW formats}$

http://support.apple.com/kb/HT4757

Mac OS X v10.6: Supported digital camera RAW formats

http://support.apple.com/kb/HT3825

Aperture 3: Updated RAW Processing http://support.apple.com/kb/HT3946

Aperture 1, 2, 3: RAW support (seem to be same as OS X Lion list above)

http://www.apple.com/aperture/specs/raw.html

Applescript Info

iWatermark Pro for Mac is scriptable and has an Applescript dictionary. This means you can automate the way iWatermark works. Now that iWatermark has this ability users (you) can make scripts to make iWatermark work with other apps that you use. Below is an simple Applescript that may not be useful in day to day work but does show how to script iWatermark.

Example Applescripts for iWatermark Pro

Applescript Language Guide at Apple

Tutorial for Applescript

Please send us scripts you create even if they are very simple so we can share with others.

Special Info for Windows Version

To do a silent install the command line for 1.1.3 installer is:

iWatermarkPro.win.x86x64.1.1.2.exe [/install | /uninstall] [/quiet] [/log <file name>]

To See help of command line arguments iWatermarkPro.win.x86x64.1.1.2.exe /?

There are many options in command line arguments help but the following arguments are supported and tested:

/install
/uninstall
/quiet
/log <log file name>



iWatermark Support

Please see below for support options on iWatermark.

Online Support

Retrieve Serial Number

The serial number for iWatermark and iWatermark Pro are different. If you are an owner of iWatermark and want to upgrade please contact us and let us know the email and name you ordered under.

We enjoy hearing from you.

The folks at Plum Amazing

