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1 Start

Ashampoo® PhotoCommander 7

For Windows® XP and Windows Vista™

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*Use of this program and all its component modules is
subject to the terms and conditions of the **License
Agreement** you agreed to when you installed the software.*

1.1 Welcome

Welcome to the Ashampoo Photo Commander 7!

Ashampoo Photo Commander 7 is a perfect example of a new generation of programs that are genuinely intuitive easy to use. It makes organizing your pictures and getting them to look great as simple as pressing the button on your camera. You'll save time, have a barrel of fun and your friends and family will be really impressed.

Almost everything is done with a couple of clicks – adding picture frames, correcting your photos, making greeting cards, collages and slide shows, sharing your pictures on CDs/DVDs or your website and much more.

Ashampoo Photo Commander 7 is a one-stop solution. You organize and view your photo collection, edit and enhance your photos and use creative editing and project tools all in a single program. And it also manages your audio and video files!

Organize!

Manage even the largest collections of digital photos, audio and video files with ease. Lightning-fast thumbnails and previews, powerful organization tools.

Enhance!

Correct colors and contrast, straighten horizons, remove red eye and crop with just a couple of clicks.

Powerful editing tools and stunning one-click effects.

Create!

Add picture frames, make slide shows on the web and CD/DVD, turn your pictures into greeting cards and much more.

- ❖ Fully Vista compatible
- ❖ Forget the manual – new intuitive layout makes all functions visible
- ❖ New Quick-Fix functions for 1-click photo optimization, contrast/color adjustment, straighten horizon, red eye correction and more
- ❖ Editable objects – everything you add to your pictures can be edited again later
- ❖ One-click 5-star ratings for finding your best photos, music tracks and videos fast
- ❖ Powerful new screen capture functions – supports Vista Aero Glass!
- ❖ Mail multiple images as a single PDF file
- ❖ Quick batch optimization for multiple photos
- ❖ Slide shows with multiple music tracks
- ❖ Full-screen editing with cool slideshow style transitions



Note: Whenever you need help when working with Ashampoo Photo Commander 7 just press the F1 key on your keyboard or use the Help-buttons in the corresponding dialog!



Hint: Use the hot keys to make working with Ashampoo Photo Commander 7 more comfortable.
Hint: Find out more about supported formats in the formats chapter of this help!

This documentation will introduce you to the **Ashampoo Photo Commander 7** and guide you in case you are in need of help. Please use the navigation menu to the left to navigate through the help system. If you are new to help systems like this one use the start with the chapter **Getting Help**.

If you are new to the **Ashampoo Photo Commander 7** please head over to chapter **The Basics**.

At Ashampoo we believe that support is part of the product. We provide free online support for all our products, including freeware, shareware and trial versions!

If you have any special question(s), or are unsure in a certain case, feel free to ask the Ashampoo support team for assistance. Click **here** to get all the necessary information on how to get in touch with the support team.

1.2 New Features

New Highlights of Ashampoo Photo Commander 7 !

- 3D hardware acceleration for a big speed boost
- Much faster and more flexible media database
- Virtual albums (Favorites) for better organization
- Stitch images to create panoramas
- Quick slide shows with cool “Ken Burns” effect
- New digital camera and scanner importer
- New advanced media search features
- Find duplicate images with different names
- Print multiple photos on a single page

Ashampoo Photo Commander 7 is an all-in-one application for organizing, editing, sharing and presenting photo collections with additional audio and video playing and management capabilities.

All the photo editing tools you need are included. Enhance your images with the one-click optimizer. Remove the red-eye effect, adjust colors, contrast, hue and many other parameters, resize, crop, rotate, add a wide range of special effects.

After editing you can then use the integrated creativity tools to turn your photos into slide shows with music, web albums, photo collages, calendars and more.

3D hardware acceleration

The program now automatically uses the 3D processor in your computer’s video card to achieve a performance boost. If you have a 3D video card this significantly speeds up photo viewing and transition effects for smoother resizing and zooming, with additional smoothing for less “jaggy” images at high magnifications.

New, more efficient media database

The new automatic database that manages your media files is now both faster and more efficient, automatically updating when you you’re your media files. This means you can move files around without losing their tags (star ratings) and other data. The new database also makes scanning EXIF photo tags and MP3 audio tags much faster.

Drag & Drop virtual albums

The new Drag & Drop virtual albums (Favorites) organize your media files in folders without actually moving them – the same files can be included in multiple folders without creating multiple copies of the files. You can manipulate the files in virtual albums just like any other group of files: Add tags and star ratings, perform batch cut and crop operations, create slide shows and web albums and so on.

Create panorama images

This is a feature that many users have asked for. In version 7 you now have a tool for stitching together multiple photos to create a single large panorama image.

Slide shows with “Ken Burns” effect

The new quick slide show features the popular “Ken Burns” effect that zooms and pans on each image while it is being displayed. Just select the photos you want to include and press Ctrl+Shift to start.

Digital camera and scanner importer

The new digital camera and scanner importer makes it quick and easy to import images directly from your digital camera or image scanner.

Improved Callout tool

A number of user suggestions have been implemented to improve the performance of the Callout (text bubble) tool, which now also includes the functions of the previous callout tool from Photo Commander 5.

Media browser enhancements

The media browser comes with many improvements, including advanced search by text, file type, file rating and age with a cut-off date. You can now also change the date and time of multiple files in batch mode and browse images without leaving Quick Fix mode – this makes it easier to apply quick fixes to multiple images. You can resize the thumbnail preview images in the media browser on the fly with a slider control.

Find duplicate images with different names

A powerful new function for finding duplicates will also find duplicate images with different names and images that are similar but not identical. You can enter the level of similarity in percent.

Other Highlights

Batch Processing

The Batch Processing tool can save many hours of tedious work, converting to different formats and applying effects to multiple files in a single operation. Effects include resizing, brightness, gamma, contrast, color depth, rotate, invert, grayscale, drop shadows, borders, sharpening, watermarks, 1-click optimize and more. All these effects are applied to all the files in the selected batch.

Quick-Fix Tools

The Quick-Fix Tools gets results fast and will probably be able to handle almost all your photo editing needs. Features include one-click color and contrast optimization, photo straightening (if the camera wasn't straight), red eye correction, cropping, rotating and more – all with a couple of clicks. All the tools are self-explanatory for instant results without hassles.

Creativity and Productivity Tools

Viewing and organizing your media files is just the beginning. Photo Commander comes with a whole suite of tools for sharing and using your photos creatively – both on the web and at home. You can mail your photos, export them to PDF files and burn them to CDs and DVDs. You can also create web albums, slide shows with music, photo collages, photo calendars, photo cards with frames, contact sheets, “photo mix” combinations and multi-image TIFF files (single-file slide shows). All these features are very easy to use – it's basically a point and click process, the program guides you through every step.

Audio and Video

Ashampoo Photo Commander 7 displays videos and plays audio tracks just as easily as it can manage your photos – you don't need to switch to separate player programs. You can zoom videos, play them in full-screen mode, extract screenshots, create video playlists and more. You get all the functions of a good audio player. Play and organize your audio tracks, create and store playlists and much more. You can also create multimedia playlists, combining photos with audio and video files.

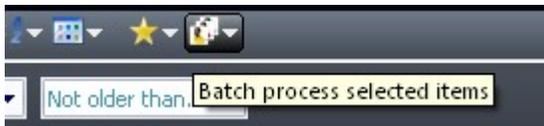
Skins and Plugins

You can load different 'skins' to give the program a different look or even redesign the program's user interface yourself. Photo Commander also supports plugins for handling additional file formats. A number of plugins are already available, including plugins for the Canon RAW, Kodak Flashpix, HDR **.dds**, Industrial Light & Magic HDR **.exr** and Joint BiLevel **.jbg** formats.

2 The Basics

The **Ashampoo Photo Commander 7** is a strong and fast viewer and player for the most common audio, video and image file formats. This section of the help will introduce you to the basics of managing your digital media files with the **Ashampoo Photo Commander 7**. It basically works in three different modes. Each of these modes has its own specialities and advantages.

*Please keep in mind that **not every single** function can be explained in this help file. Otherwise this document would be much bigger than the application itself. Most of the functions are self-explanatory and a basic explanation will appear in the moment the mouse is held above the icon of the feature (s. picture below). If there are still problems / questions, please write to our support. sis@ashampoo.com*

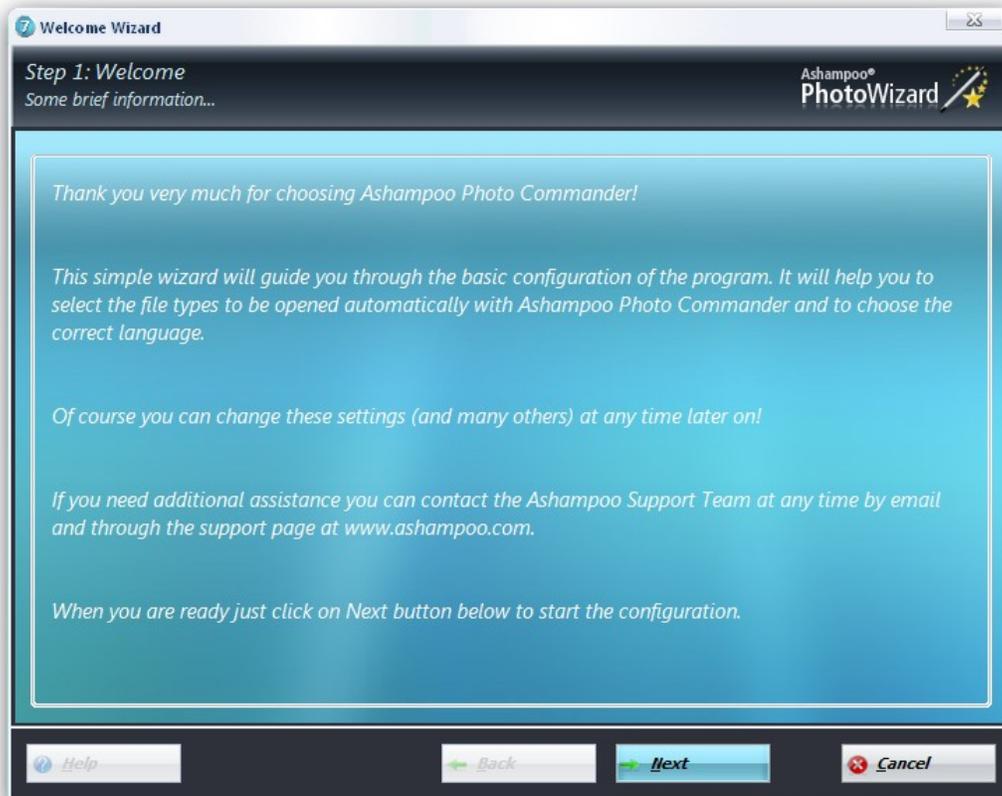


Note: If you are new to online documentations or to this help system start of with the chapter **Getting Help**. Whenever you need help, working with the **Ashampoo Photo Commander 7**, press the **F1** key on your keyboard!

First Start

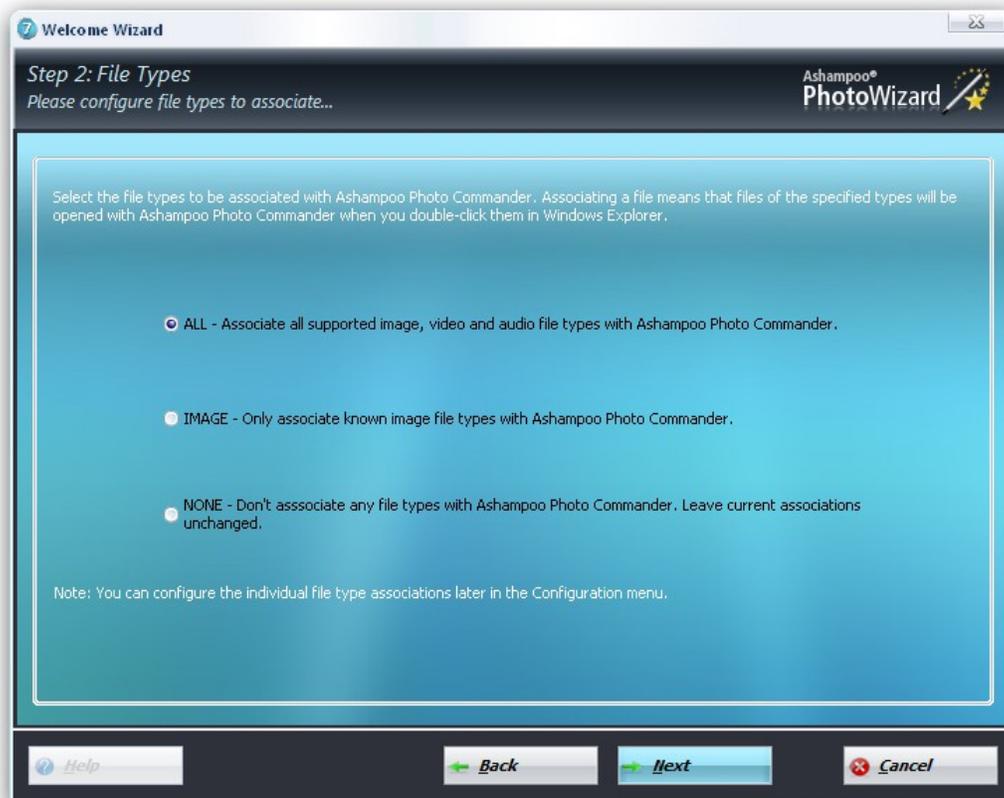
The first screen that appears is the Welcome Wizard. The Welcome Wizard helps familiarize you with some of the basic options step by step to make the most efficient use of the **Ashampoo Photo Commander 7**.

Welcome



The first step is the introduction of the Welcome Wizard that informs you about the configurable settings.

File Types



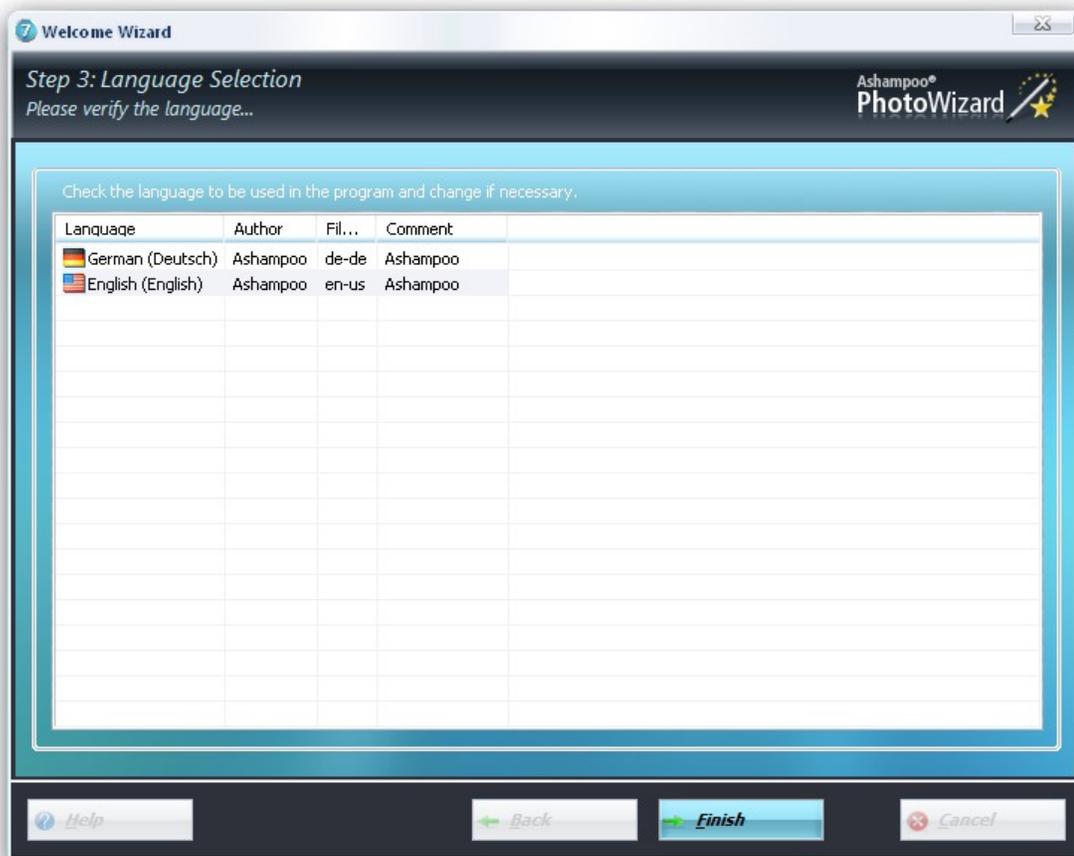
With **Ashampoo Photo Commander 7** you may associate supported file formats. **Ashampoo Photo Commander 7** is the control center for all your media files – photos, videos and audio. In addition to managing, viewing and listening to all these files it can also perform all the most common editing tasks, so that nearly all the time you can do everything you want without ever switching to another program. You also have the chance to associated formats to the application at a later stage. To do this go to the **Configuration menu** and choose the Settings entry to apply changes to the **Associations tab**.



Note: The chapter **Formats** of this help, gives you a list of all formats which are supported by the **Ashampoo Photo Commander 7**.

Language selection

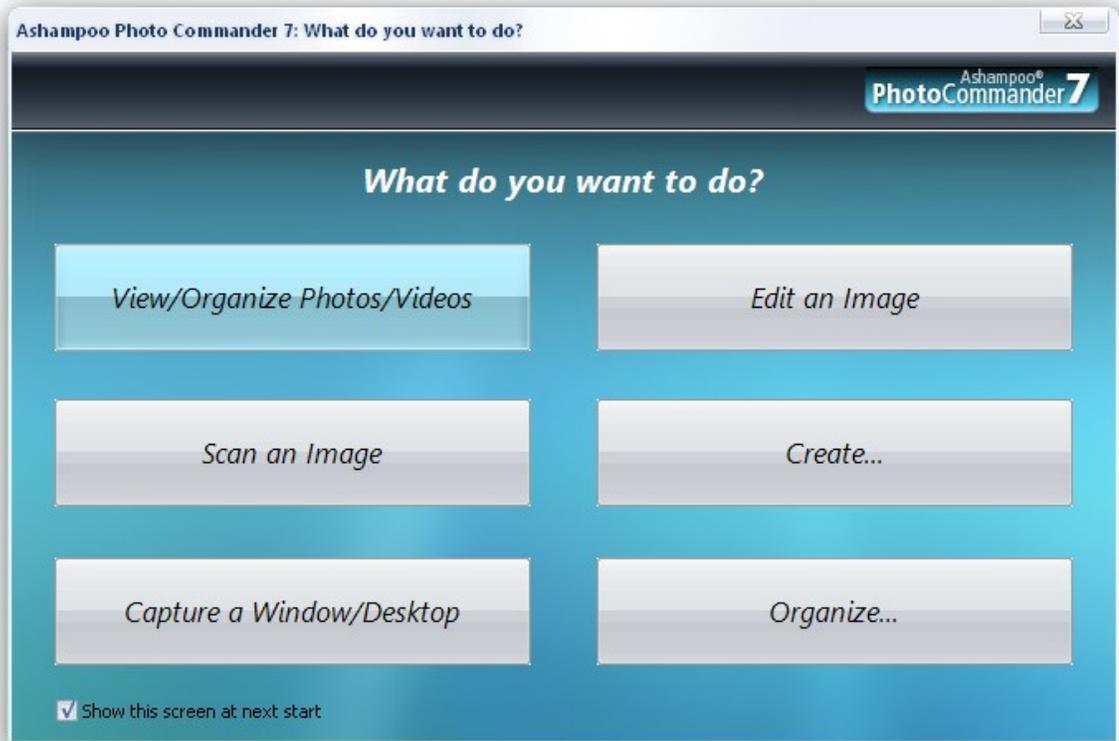
Now select the language you would like to use within **Ashampoo Photo Commander 7** and your done configuring the application.



2.1 Assistant / Main Usage

The Assistant

The **Ashampoo Photo Commander 7** starts with an assistant to guide you to your favored functions without making a detour. There are six main sections to choose from which are subdivided into the main needs of the user. Once you've chosen a switch an assistant will start to guide you through the process. If you don't want to see this assistant again, just disable the checkmark at the bottom of this menu.



Main Usage



It took some time of brainstorming and conceptual strategies to develop a program which is bursting at features and clearly arranged as well. Finally, the new tab arrangement has enabled us to minimize the complexity and to maximize the success. There are six main tabs to navigate through the program (in this picture shown in the middle, starting with **Common**). Once you've chosen to click at one tab (in this case: **Browse**), the bar below shows the main functions of this area. Thus every important feature is just two clicks away!

3 Common



Common was designed to provide a quick and easy access to main functions of your data management. Basics like fullscreen display, saving and printing your files are also integrated, just as watching your files in a slideshow or sending it by email.

Click the functions in the picture, in order to receive more information about these functions. You can always return using the "Previous Topic" button at the right upper corner.

3.1 Email files

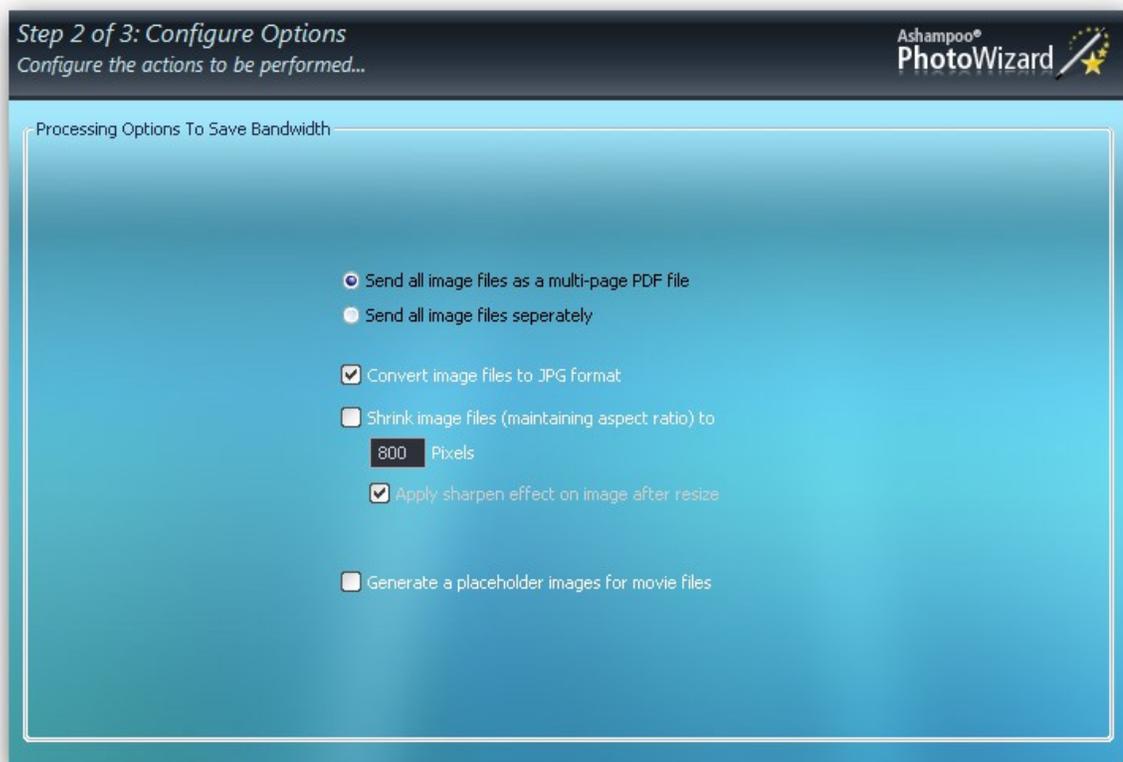
Add files (Step1)



General Options

- **Add Files:** Add/Remove files to/from the list of files that should be sent.
- **Move Up/Down:** is used to select in which order files should be processed.
- **Remove selected:** Removes the all selected files from the processing list.
- **Remove all:** Clears the list completely.

Set Options (Step2)



Processing options

- **Convert Image Files to JPG Format:** All selected image files will be converted into the JPG format (if the image file is not already in JPG format) as the JPG Format can greatly reduce the file size with a small loss of image quality for photographs.
- **Shrink Image Files (maintaining aspect ratio) to:** Image files will be shrunk to the specified width. The height is computed according to the original aspect ratio of the image. This is useful, as the smaller the width and height of an image is, the smaller the file size.

- **Generate a Poster Frame for Movie Files:** If enabled, when sending video/movie files (*.avi, *.mpg etc) one frame (image) will be extracted and sent instead of sending the whole video file.

3.2 Print

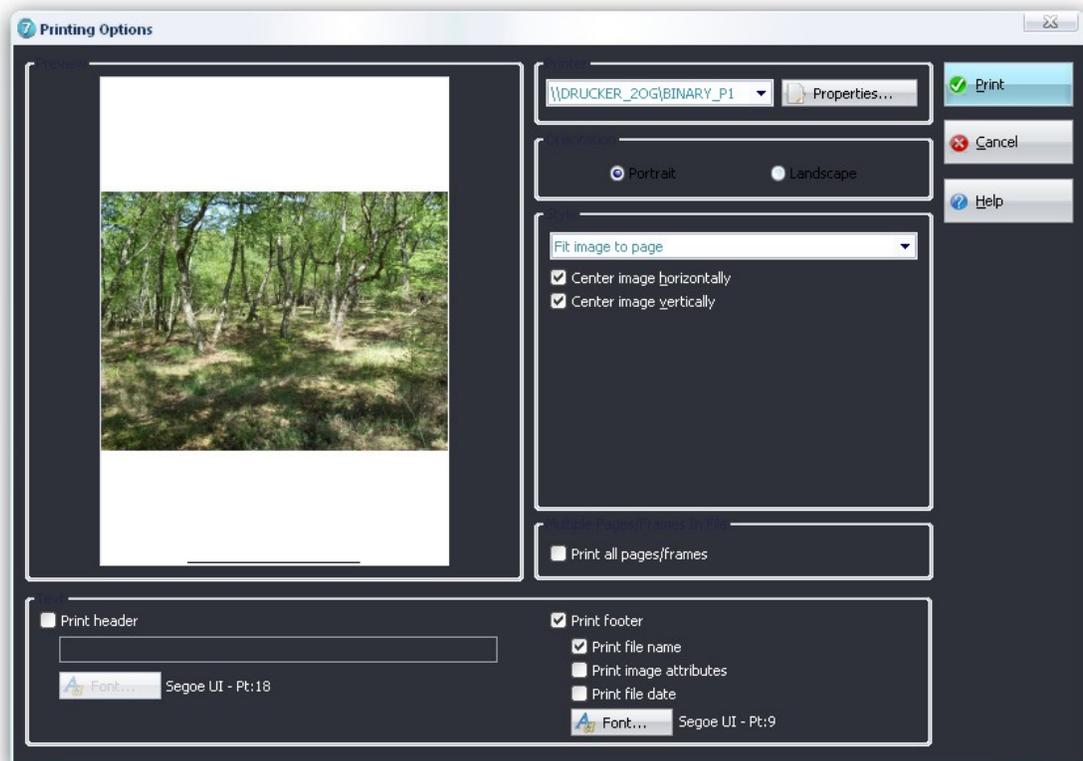
Printing an image

The *Ashampoo Photo Commander 7* can print images with specific settings to give you the possibility to not only have your photographs stored digital. The following screenshot shows you the print dialog giving you several options to specify how the *Ashampoo Photo Commander 7* should print your image. To print an image, issue the **Print Image** (hot key: Ctrl+P) command from the applications file menu. A dialog window as the one shown below will appear where you may enable/disable several options.



3.2.1 Print Current Image

The Print Dialog



General Options

- **Orientation:** Use Portrait or Landscape according to your needs.

Style (4 Styles are available)

- **Fit image to page:** Fill the whole page and maintain the aspect ratio of the image (the default style).
- **Stretch image to page:** This option will stretch the whole the selected image to the page.
- **Original size (DPI):** Within this print option you can specify the width and height of the image in percent values.
- **Specified size:** Here you can set the specific width and height of the image in centimeters or inch. This is useful when printing covers and similar, as you will want to specify the exact size the image then should have on the paper.
- **Multiple Pages/Frames In File:** With this option enabled, all pages in a file (eg: Multipage TIF) will be printed in batch!
- **Print Header:** Here you can type in any Header and specify the used font, font color and font size. Use the font button to select font color and size.
- **Print Footer:** Several options that allow you to specify that additional information like the filename, image attributes and the file date should be printed below the

image. Use the font button to select font color and size.



Hint: The *Ashampoo Photo Commander 7* does take care automatically of transparency and alpha channels when printing to white paper!

Hint: Printing Contact Sheets is possible too! Look into the applications Tools menu for the command "Create Contact Sheet"!

3.2.2 Print Images in Batch

The *Ashampoo Photo Commander 7* offers the possibility to print many image files at once using the same printing options for all images. The Batch Print tool can be found in the applications **Tools menu** (hot key: Shift+3).

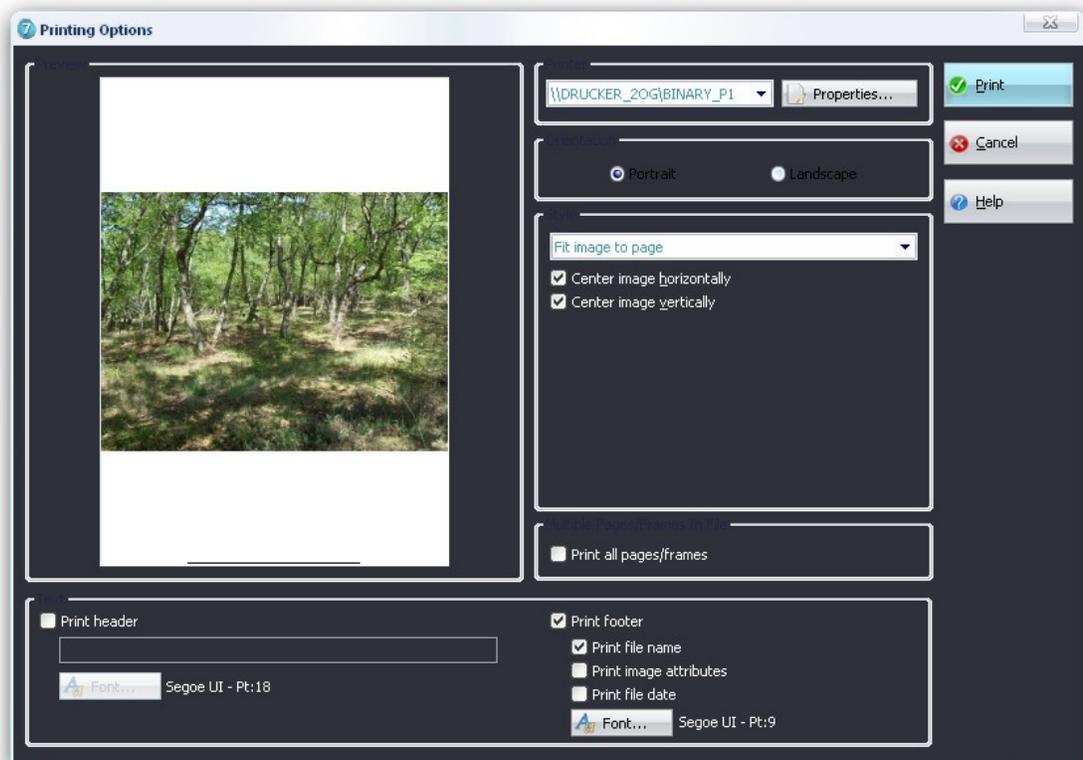
Add files (Step1)



General Options

- **Add Files:** Add/Remove files to/from the list of files that should be sent.
- **Move Up/Down:** is used to select in which order files should be processed.
- **Remove selected:** Removes the all selected files from the processing list.
- **Remove all:** Clears the list completely.

Set Options (Step2)



General Options

- **Orientation:** Use Portrait or Landscape according to your needs.

Style (4 Styles are available)

- **Fit image to page:** Fill the whole page and maintain the aspect ratio of the image (the default style).
- **Stretch image to page:** This option will stretch the whole the selected image to the page.
- **Original size (DPI):** Within this print option you can specify the width and height of the image in percent values.

- **Specified size:** Here you can set the specific width and height of the image in centimeters or inch. This is useful when printing covers and similar, as you will want to specify the exact size the image then should have on the paper.
- **Multiple Pages/Frames In File:** With this option enabled, all pages in a file (eg: Multipage TIF) will be printed in batch!
- **Print Header:** Here you can type in any Header and specify the used font, font color and font size. Use the font button to select font color and size.
- **Print Footer:** Several options that allow you to specify that additional information like the filename, image attributes and the file date should be printed below the image. Use the font button to select font color and size.



Hint: The *Ashampoo Photo Commander 7* does take care automatically of transparency and alpha channels when printing to white paper!

Hint: Printing Contact Sheets is possible too! Look into the applications Tools menu for the command "Create Contact Sheet"!

Hint: When working in Browser Mode: Select items in the Content View or the Playlist Window before you open the Batch Print tool to have it work on the selected items!

3.3 Fullscreen Mode

The *Ashampoo Photo Commander 7* comes with an advanced full screen mode. Within the *Ashampoo Photo Commander 7's* powerful full screen mode you can even edit your photos! It gives you the possibility to present your image files in an eye catching way through several different transition effects! Further, the full screen mode can too be used for watching video files in a TV style manner.

To enter or exit the full screen mode just press the Alt + Enter key simultaneously on your keyboard, or press the wheel on your mouse. Alternately you can issue the "Go Fullscreen" command from the Common menu. When switching to full screen mode all other executed applications and the windows taskbar itself become hidden.

The background is filled with solid black color and only the current media file is shown (presented). If you move your mouse, the mouse cursor is visible and additional information about the media file is shown. For movies and animations, you will see the Animation Control bar shown to the bottom of the screen. If you do not move your mouse for at least three seconds all the additional information and/or controls will be hidden, and only the current media file is shown. If mouse movement occurs again, the controls and/or additional information are shown again and so forth.

Displaying an image in full screen mode

Below you see a screenshot of an image file in full screen mode. To display the controls just move your mouse to the edges and bottom of the screen: The Mouse Tools Bar provides access to a set of powerful tools for enhancing your images. Everything is done with the mouse, with controls displayed when you select the tools. This bar is only available when viewing images.

Below: The Status Bar displays information about the current file and also shows player controls when viewing videos or animations. You can configure the font and color of the Status Bar in the Configuration settings.

Right: The View Bar provides access to commands needed for viewing your images or videos, like Next and Previous or different display formats. The commands displayed here change depending on whether you are displaying videos or images.



Playing a movie in Presentation Mode:

If you play a video file in full screen mode, you'll see on the bottom the **Video Controlbar**, giving you the possibility to pause or stop the playing movie, adjust the volume or step through the video frame by frame. If you do not move the mouse for at least three seconds, the Video Controlbar will be hidden unless you move your mouse again. Again on the right: The View Bar provides access to commands needed for viewing your videos, like Next and Previous.



Hint: The full screen mode can be exited quickly by hitting the Escape key on your keyboard.

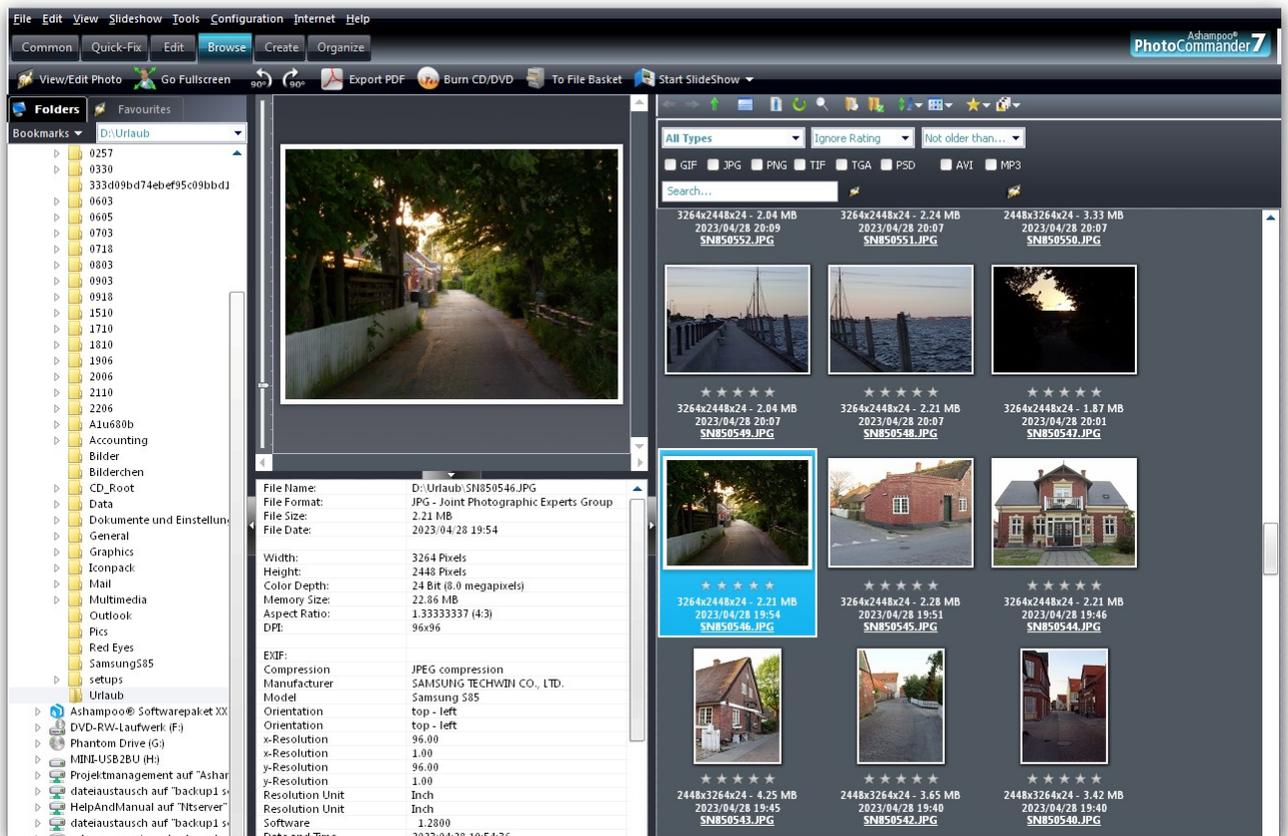
Hint: You can configure the *Ashampoo Photo Commander 7* to always load files in Presentation Mode instead of using the Viewing Mode. To do this, go to the application's setting's Presentation tab and check the options "Always start in Presentation Mode".

4 Browse

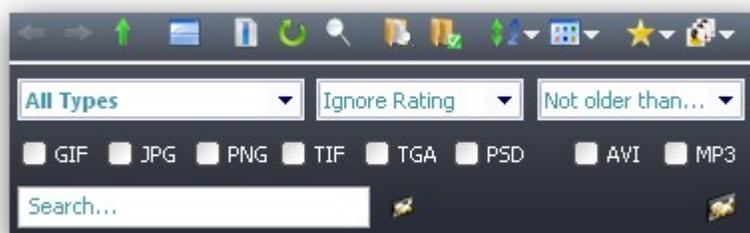


Browse offers the perfect overview about your media files. The triparted construction allows to see every essential detail of your file system, the content of the selected folder and information about the file itself.

On the left you see an explorer to navigate between the different resources. If you chose a folder, the media files of your choice will be displayed at the right of this screen. Once you've decided to click at one of the displayed files, a miniature of the file and the most important information will appear.



Once you've chosen a folder, this bar enables you to navigate between your files and to change the view configuration mode and the sort order. Useful, widespread functions like **Copy to** or **Batch process** are also integrated.



The Sort order requires a closer look, because it affects the sequence in which the files are played (e.g. music or movies). If the files are associated to APP, the sort order and the playlists are all the same.

<input type="radio"/>	By File Name	Ascending
<input type="radio"/>	By File Date	Ascending
<input type="radio"/>	By File Size	Ascending
<input type="radio"/>	By Creation Date (EXIF)	Ascending
<input type="radio"/>	By 5-Star Rating	Ascending
<input type="radio"/>	By File Name	Descending
<input type="radio"/>	By File Date	Descending
<input type="radio"/>	By File Size	Descending
<input type="radio"/>	By Creation Date (EXIF)	Descending
<input checked="" type="radio"/>	By 5-Star Rating	Descending

Creating a PDF

The **Ashampoo Photo Commander 7** offers a very simple function to convert your files into the widespread PDF format. Just click at the PDF symbol in the **Browser bar**. To create pdf-files you need to have Adobe Acrobat Reader installed on your computer.

Viewing an animated/multipage image file

The **Ashampoo Photo Commander 7** does support not only image files that contain one still image, but also image files that contain many images in one file or even animated files. Common file formats that are supported are Multipage TIFF, Windows ICO, Animated GIF, Multiple Image Network Graphics (MNG), Animated Windows Cursor (ANI).

The **Ashampoo Photo Commander 7** does detect automatically if a file contains more than one image and accordingly shows the **Animation Control bar** in its interface. With this Animation Controlbar you can easily navigate through the different pages/frames/images the file may contain. You can start or stop an animation, view the next or previous frame or a specific frame you want and even extract all frames!

Playing a video file

The **Ashampoo Photo Commander 7** does support all common video file formats including but not limited to the formats DivX and Xvid encoded AVI files through the Windows built in DirectShow API, which is a component of the DirectX API, which in turn is a component of the Windows System. Please make sure that you have installed the latest, officially available graphics card and audio card drivers installed on your system so that you may enjoy all the formats which are available on your Windows System.



Hint: For WMV encoded video files please make sure you have the latest codec installed. www.microsoft.com. For DivX encoded video files please make sure you have the latest codec installed. www.divx.com. For Apple Quicktime (*.mov) video files please make sure you have the latest codec installed. www.apple.com/quicktime. **Hint:** For Xvid encoded video files please make sure you have the latest codec installed. www.xvid.org. **Hint:** For MPG encoded video files please make sure you have the latest codec installed. www.mainconcept.de.

Playing a video file



Above you can see a screenshot of the program playing a video. If you do a right click on the video, a context menu pops up, giving you several options to control the video (Play, Stop, Change Volume, Change Aspect Ratio, ...). The same commands are available in the applications Animation menu.

You can at any time change the video size in three predefined steps: Alt+1: Show at 50% Alt+2: Show at 100% Alt+3: Show at 200%

The Video Controlbar

As with viewing animated / multi page image files, the **Ashampoo Photo Commander 7** does show a Video Controlbar too when playing a video file, but this time an extended version.



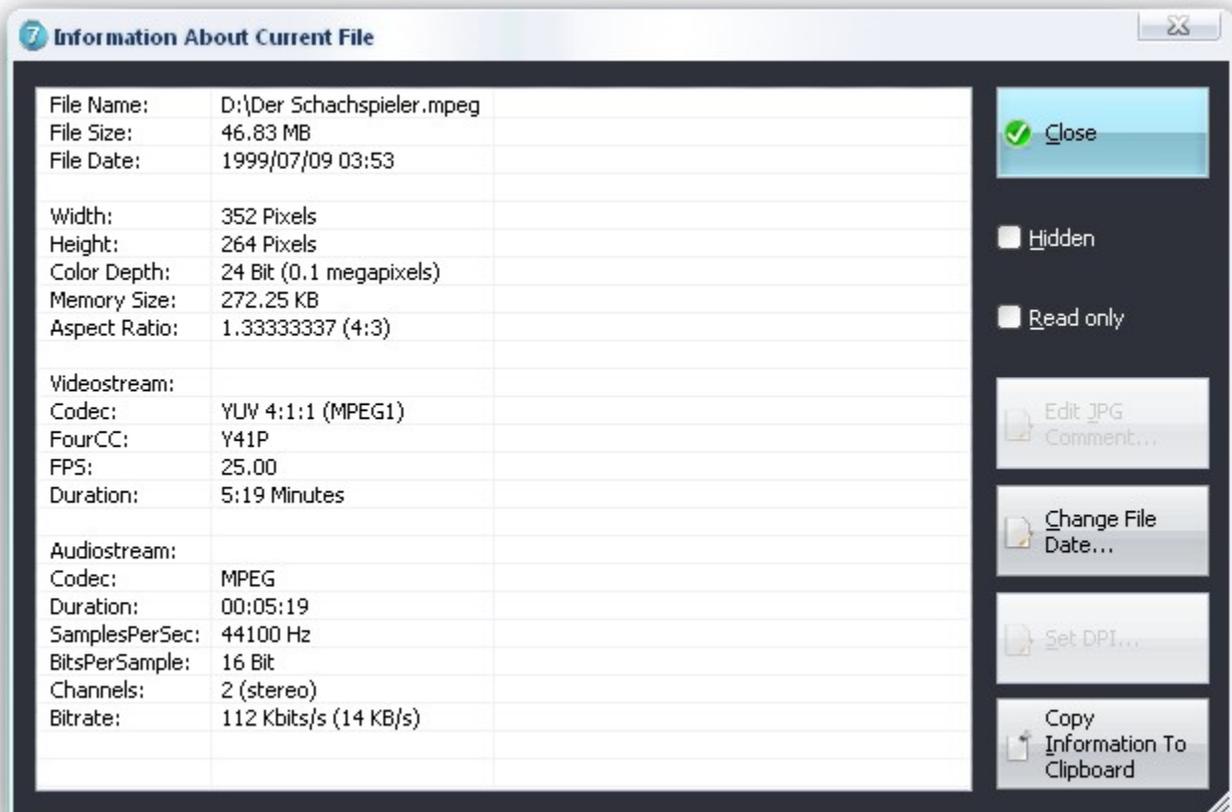
(from left to right) Play/Pause - Stop - Trackbar - Previous Frame - Next Frame - Volume - Mute on/off - Codec Info/Frames



Hint: The **Ashampoo Photo Commander 7** does automatically enlarge too small video files during load time to be at least 640Pixels wide! You can at any time change the aspect ratio by hand using these hot keys: Alt+4: Original (1:1) from the video file Alt+5: Television (4:3) Alt+6: Theater (16:9) The **Ashampoo**

Photo Commander 7 has an automatic aspect ratio correction. For example, a typical TV capture in 352x288 resolution will look wrong on an 4:3 Screen, so the **Ashampoo Photo Commander 7** does adjust the height of the video to 264 Pixel making it look correct. Extracting Frames is possible too!

File information for a video file



On the left below is a screenshot of the file information dialog, showing you the used codec (audio/video) of the video. The button "Copy Information to Clipboard" enables you to copy the whole file information to the clipboard and to paste the information then into a text processing application.



Hint: If loading a video file fails, the file information (**hot keys:** Ctrl+I) does still show the used video/audio codec that should be installed on your system!

Playing an audio file

The **Ashampoo Photo Commander 7** does support all common audio file formats including but not limited to the far MP3 file format through the Windows built in DirectShow API, which is a component of the DirectX API, which in turn is a component of the Windows System. Please make sure that you have installed the latest, officially available audio card drivers installed on your system!



Hint: For WMA encoded audio files please make sure you have the latest codec installed. www.microsoft.com.

Playing an audio file



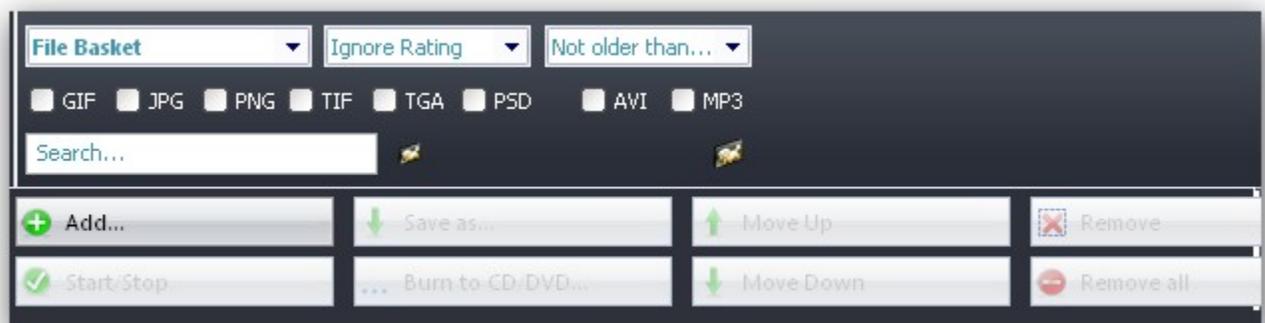
To the left you can see a screenshot of the program playing an audio file. If you do a right click on the audio interface context menu pops up, giving you several options to control the audio stream (Play, Stop, Change Volume). The same commands are available in the applications Animation menu. The **Ashampoo Photo Commander 7** does display tags (information about the audio file) automatically when found in MP3 files! The available controls let you play/pause the audio stream. The vertical track bar lets you adjust the volume.



On the left below is a screenshot of the file information dialog, showing you the used audio codec of the audio file. The button "Copy Information to Clipboard" enables you to copy the whole file information to the clipboard and to paste the information then into a text processing application.

4.1 File Basket

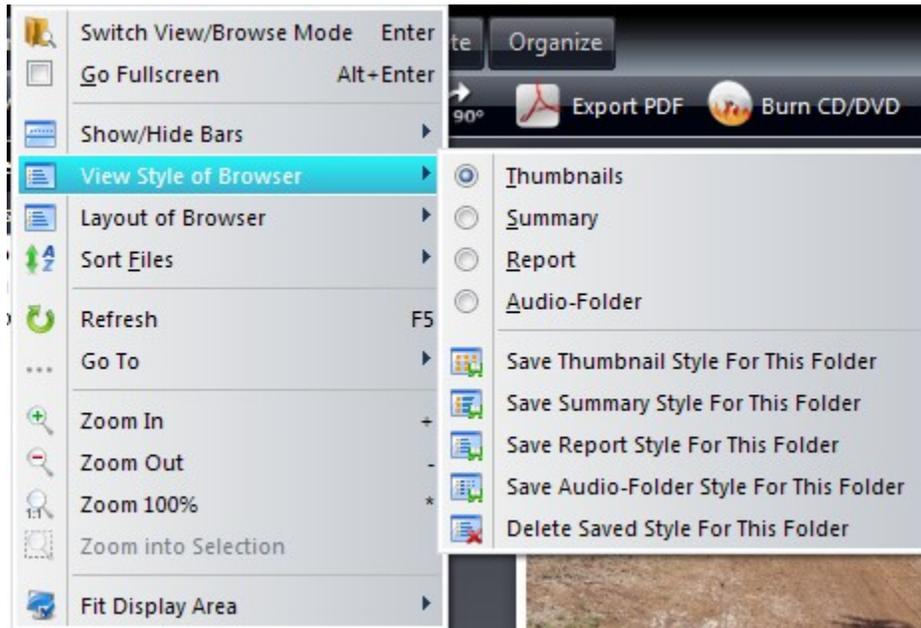
The **File Basket** helps you to collect files to be burned together. Just browse through your directories, chose the files to be burned and click at the **To File Basket** symbol. Once you've finished, open the file basket, where all the selected files are gathered. Please keep in mind that this selection will be exist as long as your session lasts!



4.2 Style of Browser

Changing the Style

The style of the browser can be changed very quickly. The **View**-tab contains an option to change it and a right-click at the browser itself opens a similar dialogue.



The Thumbnail Style (default):

The Browser Mode consists of three important parts. On the top left area you can see the Folder View. It tells you what directory you are browsing, and what directories and/or disks are available on your system. On the bottom left area you can see the Preview Window. It is exactly the same as when starting the **Ashampoo Photo Commander 7** in the Viewing Mode. The right half area is called the Content View. It does list all supported media files available in the directory by creating small previews of your image and video files.



The Summary Style:

This style shows only one image/preview per row, but displays additional information about the file, like for JPG files different EXIF info (Make, Date, Model), for video files the used video and audio codec, its length and bit rate. Due to its additional information, it is easier to find a specific file among similar files (eg: images) with this style set.



The Report Style:

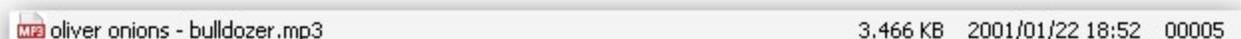
Of course the layout of the Browser can be adjusted. In the screenshot to the left the Content View has been configured to use the Report Style. The Report Style can be optimal for directories that only contain audio files, as it is not practical to create preview images out of audio files. Or you might prefer the Report View cause of its speed and low memory foot print, as no Preview Images have to be generated.



4.3 Music Folder

Music Folder Style

Specially designed managing audio files (.MP3, .WMA, .OGG etc.). It is similar to Report View but with additional color-coded columns for audio data. It includes ID3 tags, codec, bit rate, author, title, album, genre etc. Displays tags and codec info for .MP3, .WMA and .OGG files. Records how often you play your files so that you can create Top 25 lists etc. Allows sorting by any column with a single click (bit rate, author, title, album, genre etc.). Displayed columns are fully configurable.



Working with the Folder View

The Folder View can be separated into two parts:

- 1) The drop down combo box containing a list of the most recently browsed directory. It always shows the currently browsed directory.
- 2) The tree view below the combo box displaying all available drives and directories on your system. You can drag and drop directories, left click a directory to browse it, or right click one to open the systems default shell context menu.



Hint: You can change the height of the Folder View by dragging and dropping the horizontal border that separates it from the preview window!

Working with the Content View

The Content View is the most complex but also most important part of the Browser Mode as it gives you much functionality to work with your media files. The main advantage is that you can select multiple items at once, and call many tools from the applications Tools menu to work with these selected items. For example, you can select your latest photos from your digital camera and call the **Batch Process tool** to resize all image files to a specific size.



Hint: Right click on the Content View to have a context menu pop up showing you important commands!

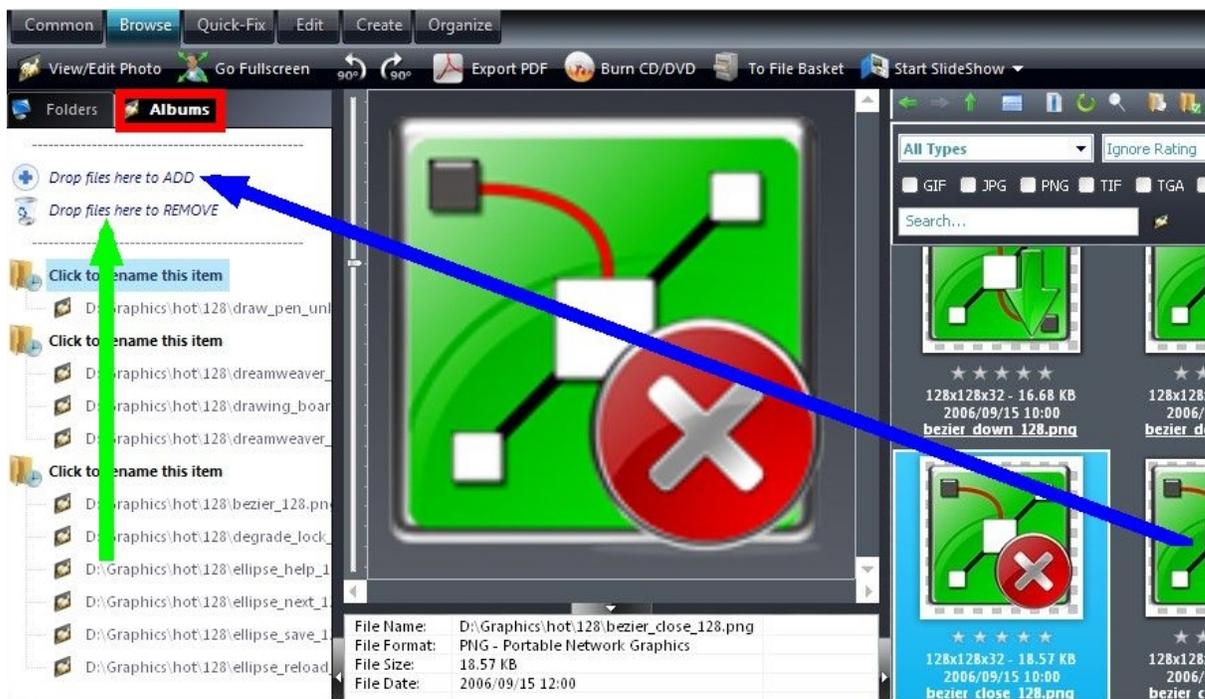
Hint: You can change the width of the Content View by dragging and dropping the vertical border that separates it from the preview window!

4.4 Albums

Albums

The new Drag & Drop virtual albums (Favorites) organize your media files in folders without actually moving them – the same files can be included in multiple folders without creating multiple copies of the files. You can manipulate the files in virtual albums just like any other group of files: Add tags and star ratings, perform batch cut and crop operations, create slide shows and web albums and so on. The tab can be found below **Browse** near the Folders tab (s. red box).

- ❖ If you want to *add a new album* just drop a picture at the "Drop files here to add" area (s. blue arrow).
- ❖ If you want to *add a picture to an already existing album* just drop it at the album itself.
- ❖ *To remove a picture or an album*, select the album with a click first and then choose the file (the picture or the album itself, pictures will appear at the preview) and drop it at the "Drop files here to remove" array (s. green arrow).
- ❖ *To rename* an album give it a double click and the caption can be changed.



5 Quick-Fix



Quick-Fix offers an outstanding collection of useful correcting and enhancing tools. Just a single mouse click at **optimize photos** and a progressive optimization algorithm analyses the picture and removes the deficits. The photos changed by the **Ashampoo Photo Commander 7** are livelier, brighter, lighter, sharper and have a stronger contrast. Of course, there are several functions to optimize your photos manually. The modification of contrast and colors can save a lot of suboptimal pictures and the red eye remove offers a dependable way to turn reverse the errors of digital photography. Even if a photo needs to be cropped, straightened or treated with visionary effects, the Quick-Fix tab has something in store for it!

Click the functions in the picture, in order to receive more information about these features. You can always return using the "Previous Topic" button at the right upper corner.



5.1 Contrast / Colors

Contrast / Colors

Within the Image Adjust Center you can easily adjust and optimize the colors, brightness, contrast, gamma, color temperature, hue and saturation in real time, on the whole image or a selection. As you can see in the image below you can use the sliders to optimize your image to your needs.



5.2 Red Eye Remove

Red Eye Removal

Another great new function of the *Ashampoo Photo Commander 7* is the Red Eye Remove-Tool. To remove the red eye effect from images of your choice follow the instructions below:

1. Open the file you would like remove the red eye effect from.
2. Zoom into the image so that you can see the eyes and respectively the iris as large as possible.
3. Use the scroll tool to scroll to on of the eyes of the image.
4. Now choose the red eye remove tool from the image toolbar.
5. Use the selection tool of the red eye remove-tool as shown in the screenshot below to select the area of the eye that is effected.
6. Select the color from the drop down box that you would like to apply to the effected iris.
7. Execute the Yes-button to exchange the color to the selected area of the iris.
8. Repeat the procedure for the second eye.

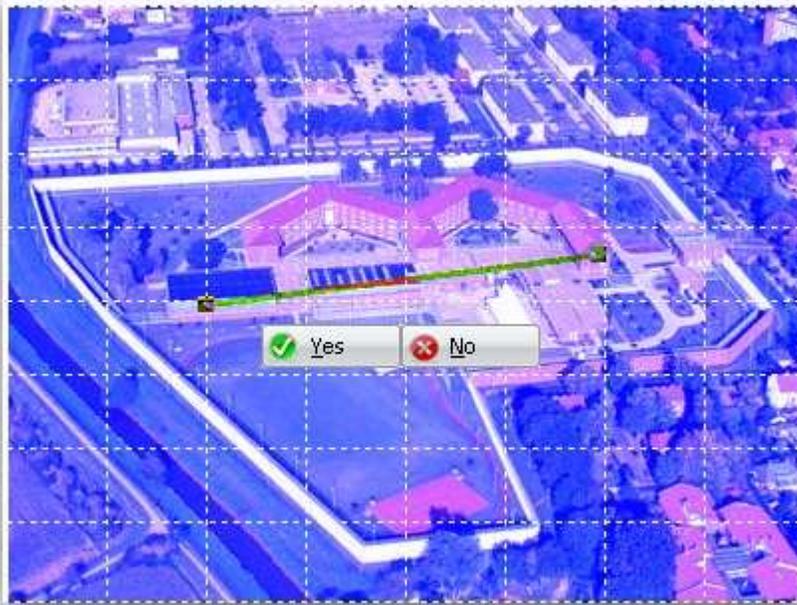
Note: As you can see in the screenshot below, the red eye remove tool offers a preview, which

makes it easier to see what you are doing.



5.3 Straighten

Straighten is a new, innovative function that solves one of the major problems of every photographer: The picture is crooked. If you try the common way (as offered in many products) just to rotate the picture, black edges will appear at the border. The team of **Ashampoo Photo Commander 7** decided to develop a special function to avoid those problems. Using the artificial horizon your picture will be repositioned and recalculated so that no bothersome edges will appear.



5.4 Optimize

Optimize Photo provides a sophisticated and lightning fast alternative to **manual picture editing**.

The effect of this optimization does not fail to impress. The photos changed by the **Ashampoo Photo Commander 7** are livelier, brighter, lighter, sharper and have a stronger contrast. The direct before and after comparison shows precisely just how strong the optimization algorithm of the software is. The usage cannot be simpler! Just click at **Optimize Photo** and take a closer look, if you're pleased with the optimization. If you're not, just take back the changes and do it manually. If you keep this succession (automatic treatment followed by manual editing) you'll save many, many hours!



5.5 Crop

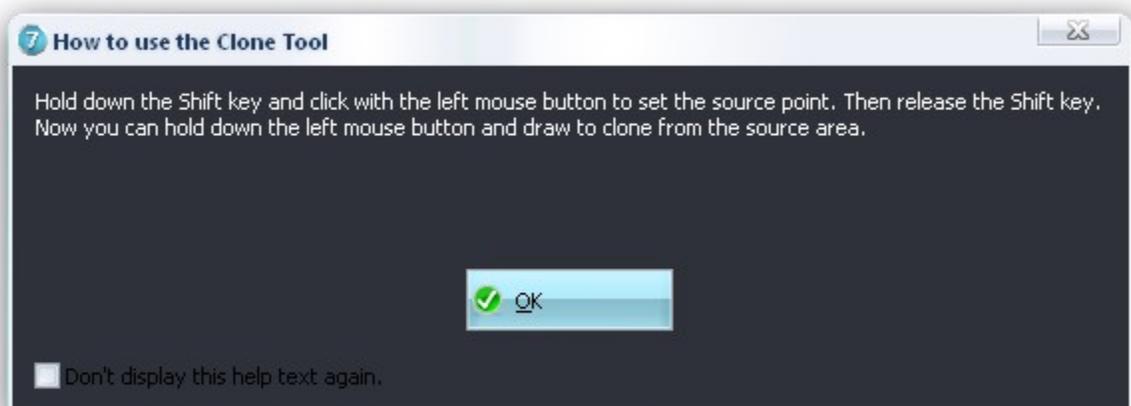
The **Crop** option is another great *Ashampoo Photo Commander 7* feature which helps you to trim your picture, to delete bothersome edges or to create new images out of enlargements. Click at the picture and keep the left mouse button pressed, until the spotted frame is in the right position. Of course, you are also able to move the frame for further treatment.



Once you've found the right position, there are several options to choose from: Crop the image, copy your selection or edit the selection with selected effects.

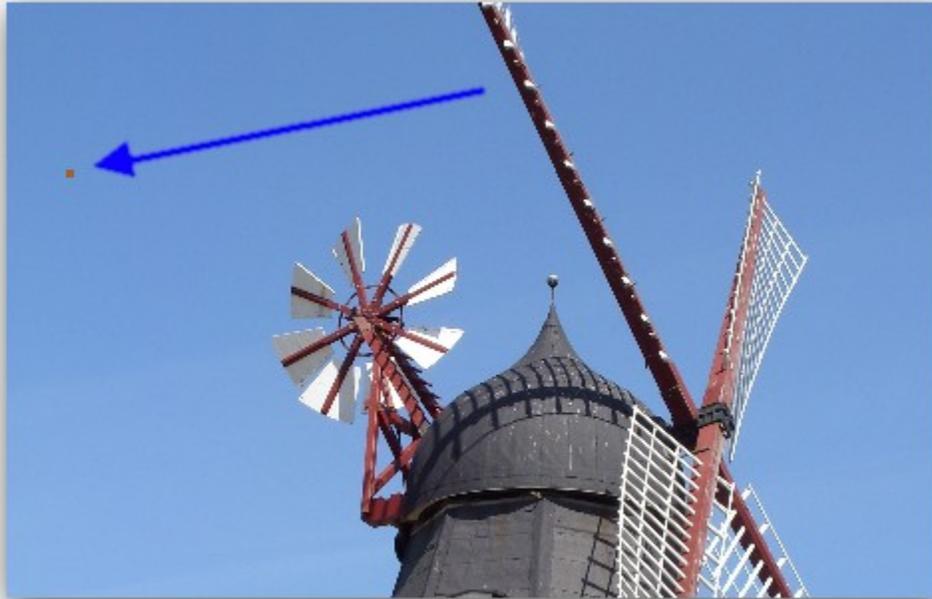
5.6 Clone

The **clone** function can be found at the tab **Quick-Fix** filed under **More**. **Ashampoo Photo Commander 7** offers every necessary information to use this feature hereafter.



Once you've clicked the left mouse button while holding down the Shift key, the area is defined *where the*

parts of the picture are cloned from. A cupped circle appears to identify this area from now on.



The part of the picture where the *cloned parts are added* is identified by a little pencil with a red forefront. In this example: The blue of the heaven replaces the wing of the windmill.



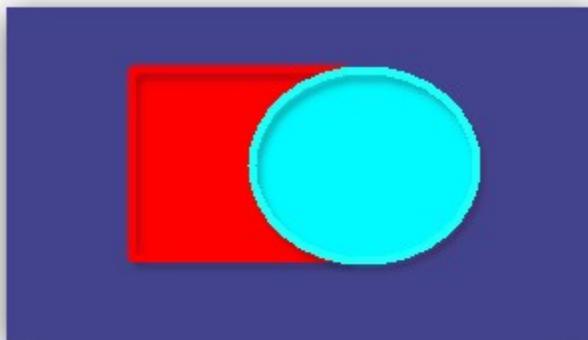
6 Edit



Edit is the multi-layer paint box of **Ashampoo Photo Commander 7**. There are several options to add forms, comments and personal style to your pictures. To improve the handling and functional range, **Ashampoo Photo Commander 7** supports the usage of layers which can be changed independently.

Working with different layers

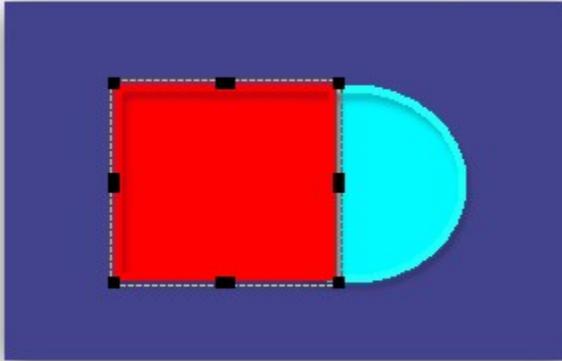
Working with different layers may sound complicated, but it isn't, that's an **Ashampoo**-proved promise! Just see this simple example: You've create a red rectangle *first* and added a turquoise circle. The circle is in the front (and hides parts of the rectangle) because it was created *after* the rectangle.



If you want the red rectangle *to come to fore*, you have to move object one level up. Just click at **Select**, mark the object (in this case: the read rectangle) and click **Object one level up**.



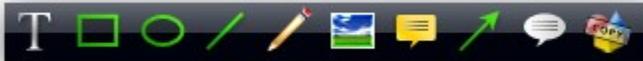
Effect: The red rectangle is now in front of the turquoise circle!



6.1 Insert additional Elements

The *Ashampoo Photo Commander 7* offers a lot of possibilities to add comments, drawings and sometimes even funny things to your pictures.

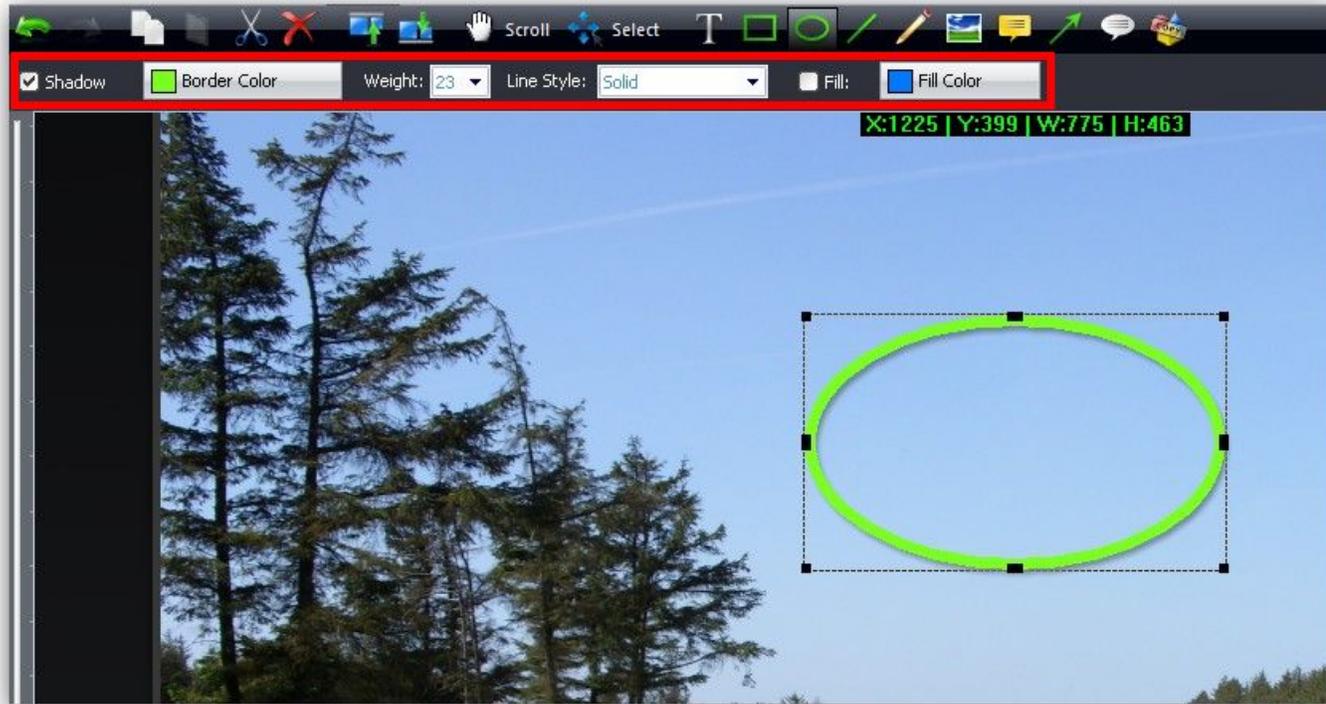
Just click at **Edit** to see the bar containing these features.



Picture additions / elements (l. to r.)

Insert text: If you want to add a caption, comment, etc. this is place to do so. Click at the button and the editor to define the format will open. After this, click at the picture and pull the frame into the correct size and position.

Draw rectangle / ellipse / line : Sometime geometric shapes and simple drawings are useful. With these three little features it's a child's play to do so. Click at the appropriate button and click at the picture afterwards. Please keep in mind that there is always a menu above to change the color, style, etc. of the shape (s. picture below).



Draw pen: This is a free hand pencil to paint without a preset shape.

Insert a bitmap from a file: Modern image editing often needs the junction of pictures, layers, etc. Choose this function to insert another picture. The added picture will be positioned in front of the main picture and can be edited as usual.

Draw hint: This is the place to add comments or hints. Click at this button first and then at your picture to get an arrow and a text field for your descriptions.

Draw arrow: Draws an arrow which color, arrowhead and size can be defined individually.

Callout: Every comic strip needs a call-out and even your picture can gain a funny and surprising touch with it. Just click at the button to open up a typical speech balloon. A double click at the default text will give you the opportunity to type a new text.

Insert object: Sometimes it's fun to add stamps, hats and sunglasses to your photos. Click here and a folder containing some nice shapes opens. Choose a shape and arrange it by pulling it to the right place and size.

7 Create



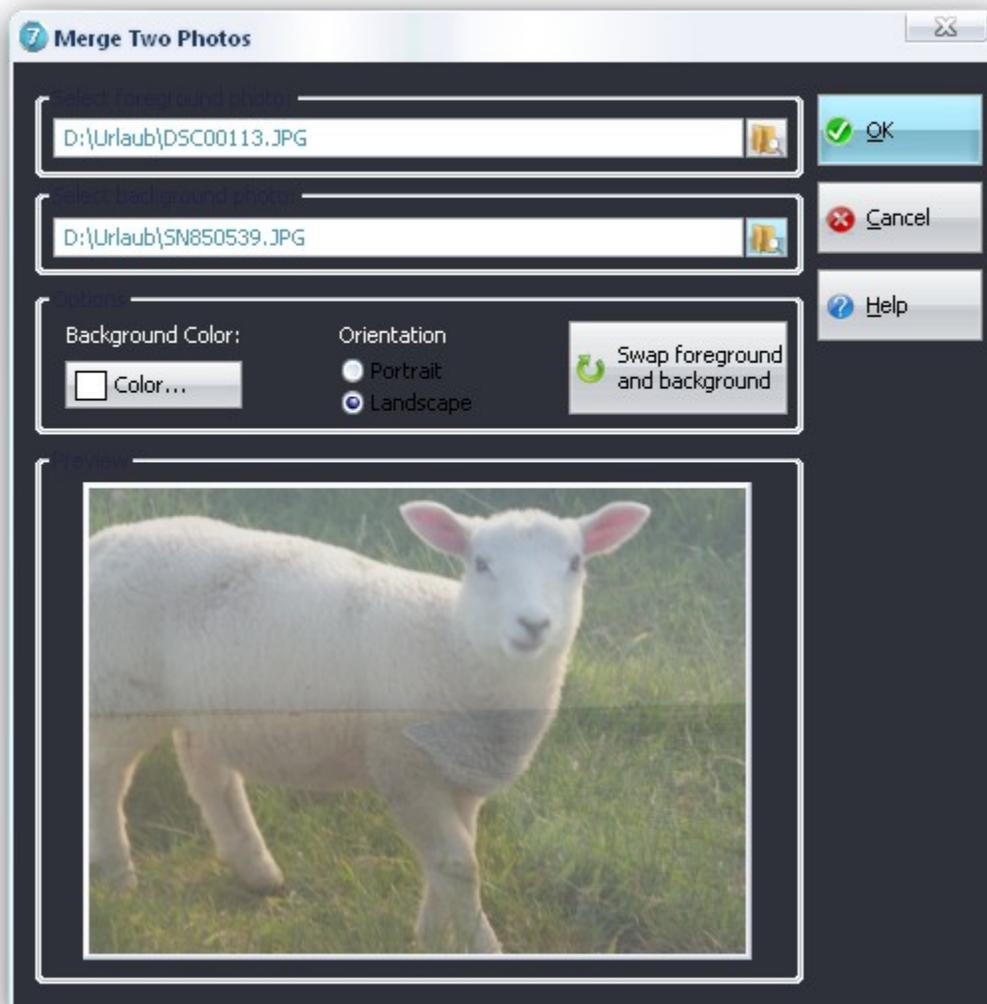
Create provides several great ways to present your pictures in an imposing way. There are so many possibilities of being creative! Generate your own slide shows of your favorite pictures or put them in fancy frames, arrange them in a collage or print a personal calendar of your most precious memories! APP simplifies the printing of contact sheet, to merge your photos like a pro or to add your pictures to your internet presence. Yes, it can be that simple!

Click the functions in the picture, in order to receive more information about these features. You can always return using the "Previous Topic" button at the right upper corner.

7.1 Merge photo

Merge photo

The merge photo wizard can be used to melt two images into one. The dialog below shows the options within the merge photo wizard. The Merge photo tool can be found in the applications **Create tab**.

**Path Options:**

Select foreground photo: Use this field to set the path to the image you would like to use in the foreground of the resulting image. Please note that you may use the swap foreground background button to change your choice.



Select background photo: You this field to set the path to the image you would like to use in the background of the resulting image. Please note that you may use the swap foreground and background button to change your choice.



General Options:

Background Color: Using the color picker you can select the background color which is used when the image is merged. The preview shown below is always updated in realtime after changes have been applied.

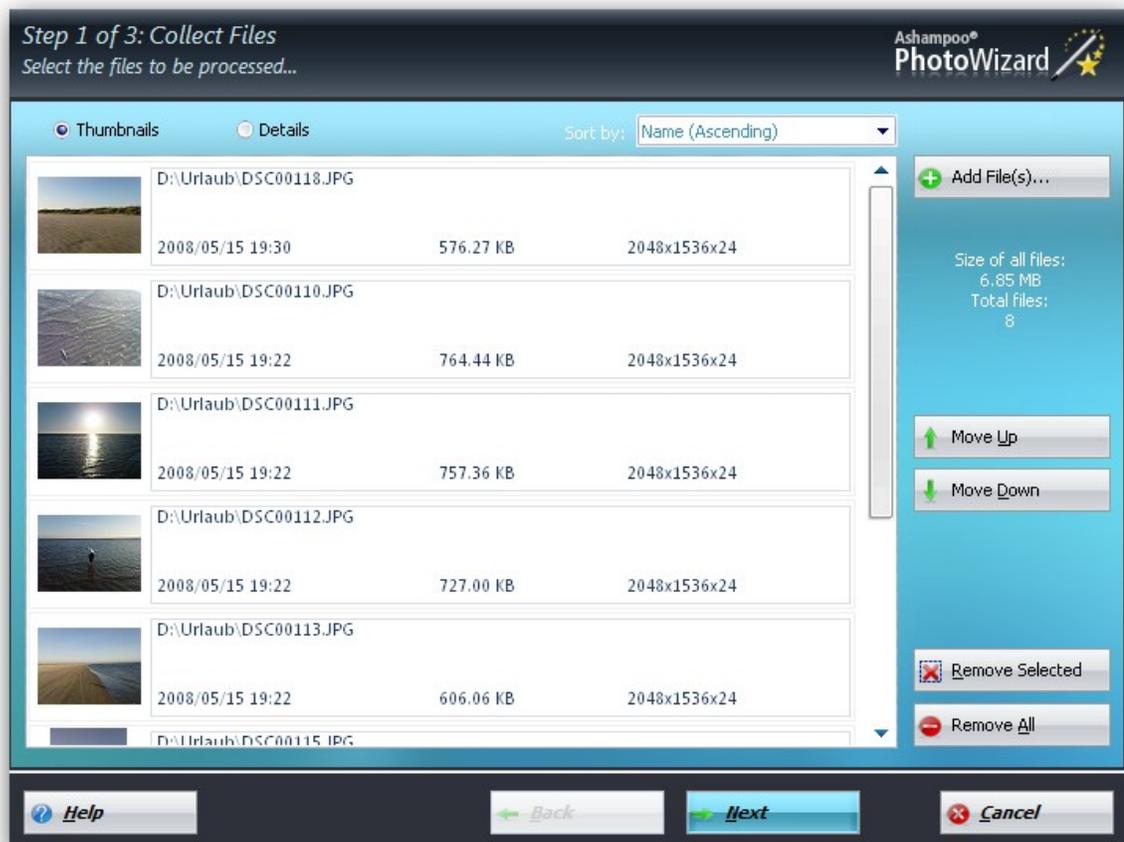
Orientation: Use the Portrait or Landscape select fields to choose which orientation is used for the merged image. The preview is always updated in realtime after changes have been applied.

Swap foreground and background: Use this buttons to swap the selected images. The preview is always updated in realtime after changes have been applied.

7.2 Create Photo Album for the Web

The *Ashampoo Photo Commander 7* can create a Photo Album for the web by generating small preview images and linking them into html files. The Create Photo Album Assistant can be found in the applications Assistant menu. Use this tool to give your friends around the world the possibility to view your photos on your personal website.

Add files (Step1)

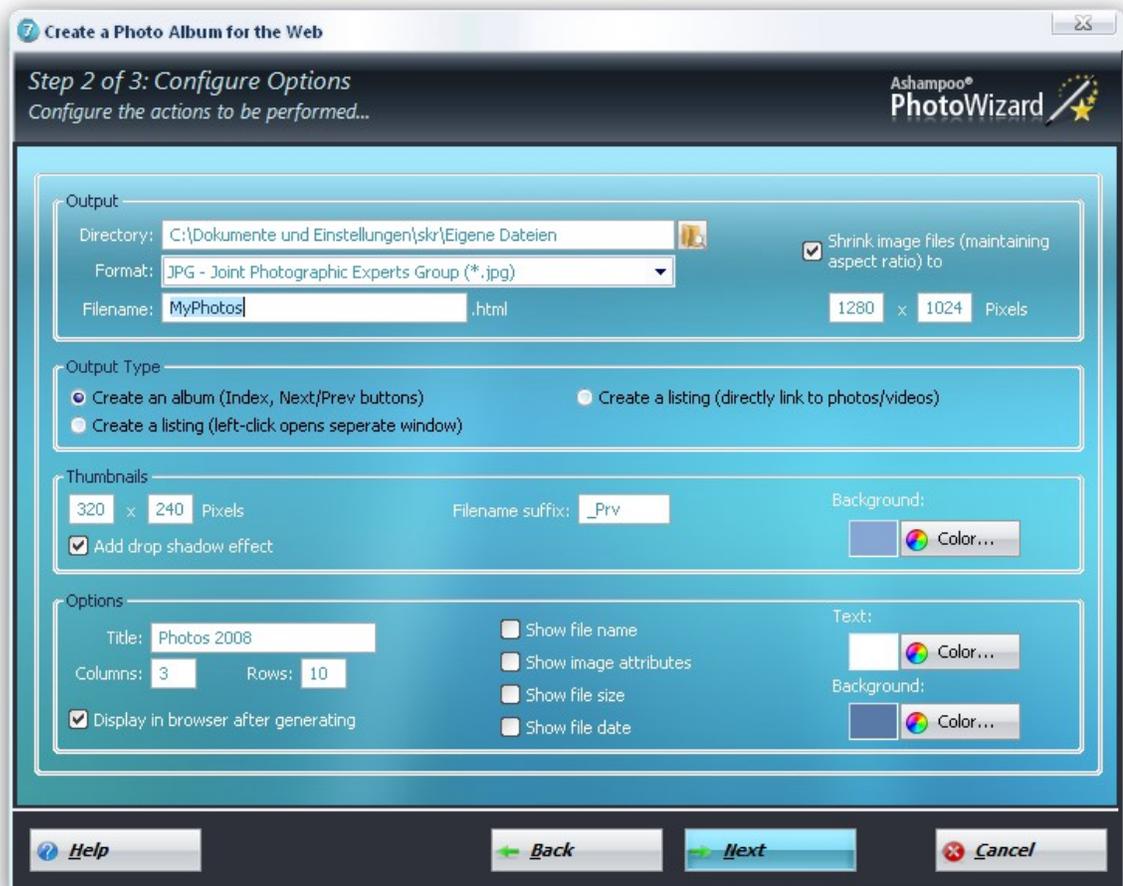


General Options

- **Add Files:** Add/Remove files to/from the list of files that should be sent.
- **Move Up/Down:** is used to select in which order files should be processed.

- **Remove selected:** Removes the all selected files from the processing list.
- **Remove all:** Clears the list completely.

Set Options (Step2)



General Options

- **Filename:** Type the filename of the html file that will start the Photo Album (the "start page").
- **Directory:** Set the location where all generated files will be placed.
- **Format:** Choose among the three internet file formats to store the preview images in.

Output type

- **Create an album:** This will create an index page listing all preview images. Upon clicking on one of the preview images, it will be displayed in the same window but in

full size with additional Next/Prev buttons enabling to go through the images step by step.

- **Create a listing:** This will create an index page listing all preview images. Upon clicking on one of the preview images, it will be displayed in a new window where as the window has the size of the displayed image and hides all unnecessary interface controls. For example, use this type if you want to create a screenshot listing on your website!

Processing options

- **Thumbnail size:** Specify the size of the thumbnails in pixels where the preview images will be drawn to.
- **Filename suffix:** Specify the suffix that will be appended to each filename of the preview image files. For example, if the original file is called "MyPhoto.jpg" and the suffix is "preview" the preview filename will become "MyPhoto_Preview.jpg".
- **Background** Specify the color that will be used as thumbnails background color.
- **Title:** Type text that will be displayed as header on every page.
- **Columns:** Specify the number of images to be displayed on every column in the index page.
- **Rows:** Specify the number of images to be displayed in every row in the index page..
- **Start Browser after Creation finished:** If enabled, your default Internet Browser will display the Photo Album after creation finished.
- **Background :** Specify the background color to be used for all websites.
- **Show file name:** If enabled, at the bottom of each preview image its filename is written.
- **Show image attributes:** If enabled, at the bottom of each preview image its image attributes are written.
- **Show file size:** If enabled, at the bottom of each preview image its file size is written.
- **Show file date:** If enabled, at the bottom of each preview image its file date is written.
- **Text:** Specify the text color that will be used on all websites.



Hint: When working in Browser Mode: Select items in the Content View or the Playlist Window before you open the Create Photo Album tool to have it work on the selected items!

Hint: The Ashampoo Photo Commander 7 does take care automatically of transparency and alpha channels when generating preview images for the web!

7.3 Create calendar

The calendar wizard can create and print 12-month photo calendars in three different styles as novel gifts. The assistant can be found in the applications **Tools menu**.

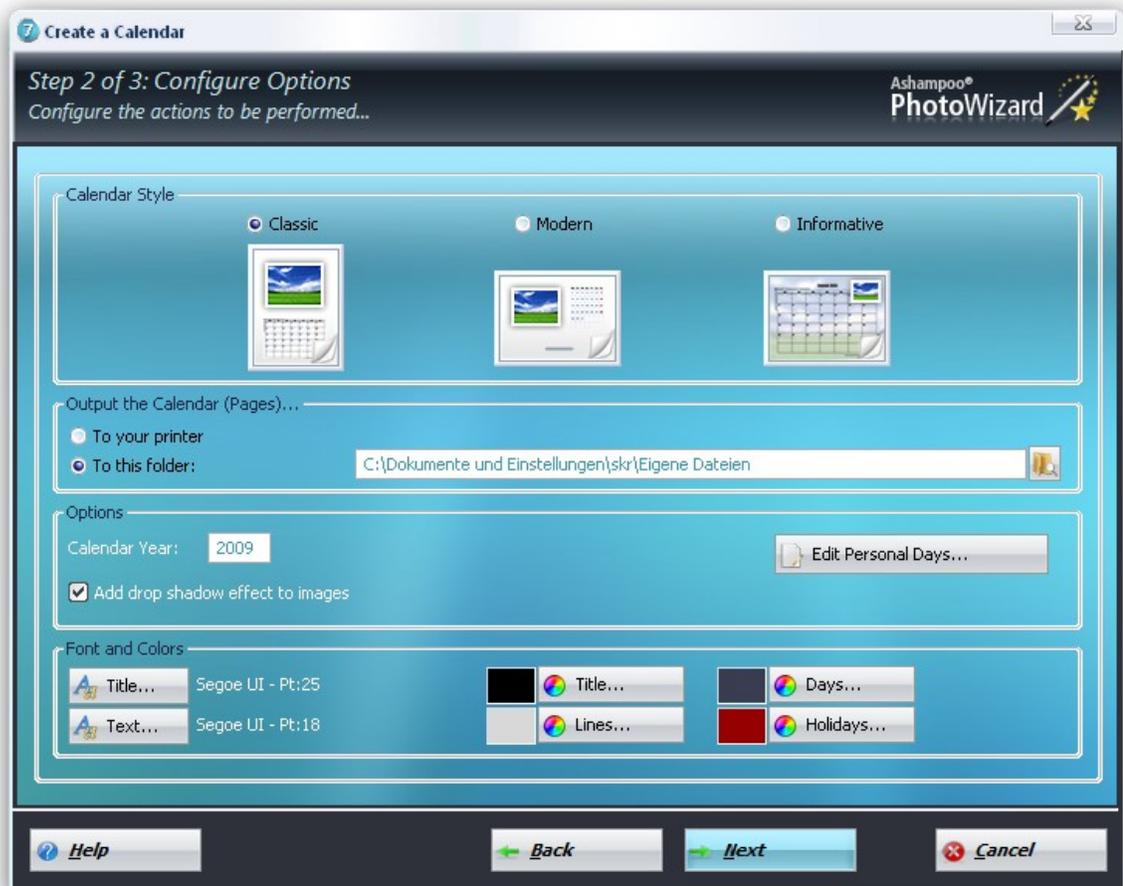
Add files (Step1)



General Options

- **Add Files:** Add/Remove files to/from the list of files that should be sent.
- **Move Up/Down:** is used to select in which order files should be processed.
- **Remove selected:** Removes the all selected files from the processing list.
- **Remove all:** Clears the list completely.

Set Options (Step2)



Calendar Style

- **Classic/Modern/Informative:** Styles may be used to create your calendar. As shown on the screenshot above each style has its own format.

Output the Calendar (Pages)

- **To your printer**
- **To this folder:** Use the field to select a folder where the calendar will be saved.

Options

- **Calendar year:** Within the text field you can insert the calendar year that should be used for the calendar.
- **Add drop shadow effect to images:** Setting this option will add a shadow on the selected images.

Font Colors Options:

Within the font and color field the title and text fonts can be specified. Furthermore colors for title, days, lines and holiday can be selected to configure the look of the calendar.

7.4 Create collage

Within the collage tool you can select photos and generate artistic collages complete with background images with just a couple of clicks.

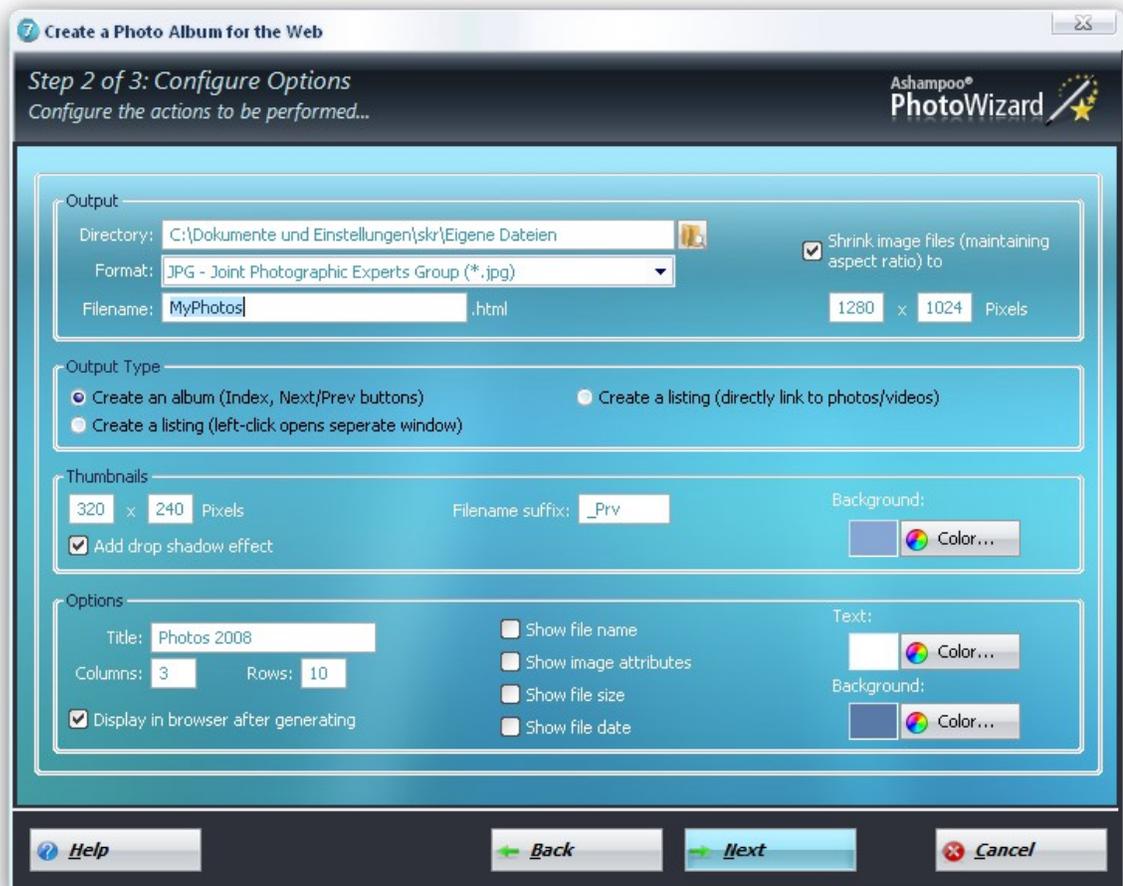
Add files (Step1)



General Options

- **Add Files:** Add/Remove files to/from the list of files that should be sent.
- **Move Up/Down:** is used to select in which order files should be processed.
- **Remove selected:** Removes the all selected files from the processing list.
- **Remove all:** Clears the list completely.

Set Options (Step2)



Collage Options

- **Style:** Two different collage styles are available:
- **Photo Pinboard:** Creates a collage where all images that were selected are randomly placed on the first selected in Step1 of the collage wizard.
- **Sorted Photos:** Creates a collage where all images that were selected are placed sorted next to each other on a background of your choice.
- **Move Up/Down:** is used to select in which order files should be processed.
- **Remove selected:** Removes the all selected files from the processing list.
- **Remove all:** Clears the list completely.

7.5 Create/burn Presentations

The **Ashampoo Photo Commander 7** does come with an advanced tool to create Presentations/Slideshows that even can be burned to CD-ROM or DVD! The Create/Burn a Slideshow tool can be found in the applications **Tools menu**.

With this tool you can create simple Playlists, burn CD-ROM's full of music files or make self running Presentations that will execute and start to play on any Windows 2000/XP or later system upon inserting the created CD-ROM into the CD-ROM-Drive. Further, you can use this tool too to make backup copies of your photographs stored on disk, although the **Burn files to CD or DVD wizard** is more suited for this task. There are many different possibilities to use this tool for!

Add files (Step1)

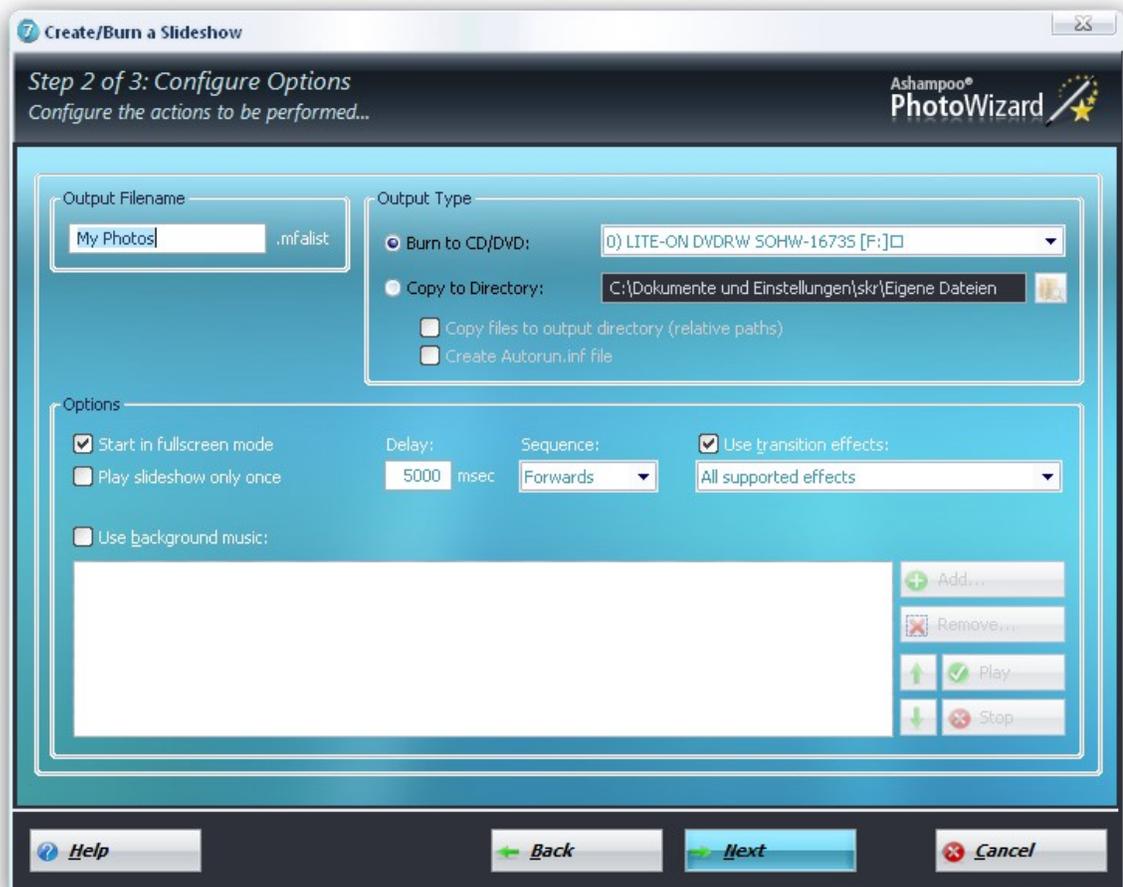


General Options

- **Add Files:** Add/Remove files to/from the list of files that should be sent.
- **Move Up/Down:** is used to select in which order files should be processed.
- **Remove selected:** Removes the all selected files from the processing list.

- **Remove all:** Clears the list completely.

Set Options (Step2)



General Options

- **Output filename:** Type text that will be used as filename. All Slideshows information will be stored in the **Ashampoo Photo Commander 7** own MFAList format (*.mfalist).
- **Select Files:** Add/Remove files to/from the list of files that should be processed.

Processing options

- **Delay:** Specifies the time to wait in milliseconds until the next media file is displayed.
- **Direction:** Specifies how the next media file in the list shall be retrieved.
- **Start in Presentation Mode:** If enabled, the Presentation/Slideshow will start in Presentation Mode and the following options will become active:

- **Play Slideshow only once:** If enabled, the Presentation/Slideshow will not be repeated when reaching its end.
- **Use Transition Effects:** If enabled, the Presentation/Slideshow will use transition effects when displaying an image/video.
- **Use Background Music:** If enabled, you can specify an audio file to be used as background music while displaying the presentation's media file.

Output type

- **Burn on CD/DVD:** (This is only possible on Windows XP. Further, you have to have installed a CD-Burner. The *Ashampoo Photo Commander 7* currently can only use your default CD-Burner (if you have more than one installed)). If enabled, the *Ashampoo Photo Commander 7* will create a CD-ROM containing all selected files, adds an autorun.inf file to enable the automatic startup of the presentation and additionally copies the *Ashampoo Photo Commander 7* executable (apc.exe) which is required for playing the presentation.
- **Copy to Directory:** Use this if you don't want to create a CD-ROM or are running Windows 2000 but have a CD-Burner installed. All created/copied data/files will be stored in the specified directory. Enable the option **Copy files to output directory (relative paths)** to make the presentation/slideshow location independent.
- If the option **Create Autorun.inf** is enabled, such a file will be created, giving you the possibility to burn all data in the output directory to a CD too, but using your favored CD-Burning software application.



Note: The background music file will be repeated if it reaches its end.

Hint: When working in Browser Mode: Select items in the Content View or the Playlist Window before you open the Create/Burn a Slideshow tool to have it work on the selected items!



Note: The background music file will be repeated if it reaches its end.

Hint: When working in Browser Mode: Select items in the Content View or the Playlist Window before you open the Create/Burn a Slideshow tool to have it work on the selected items!

7.6 Print a Thumbnail sheet

The *Ashampoo Photo Commander 7* offers the possibility to print contact

sheets, which is done by printing several images on the same paper(s) using predefined settings. The Print a Contact Sheet tool can be found in the applications **Tools menu**.

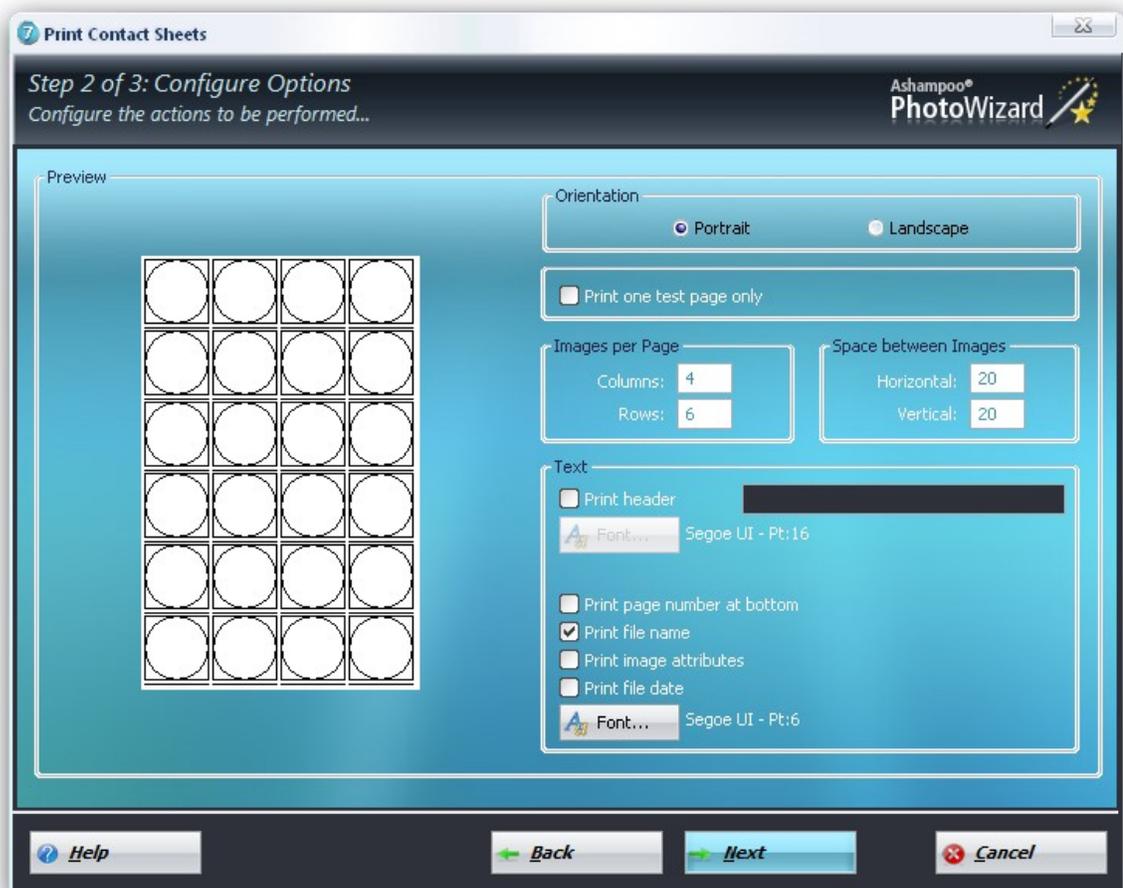
Add files (Step1)



General Options

- **Add Files:** Add/Remove files to/from the list of files that should be sent.
- **Move Up/Down:** is used to select in which order files should be processed.
- **Remove selected:** Removes the all selected files from the processing list.
- **Remove all:** Clears the list completely.

Set Options (Step2)



General Options

- **Print one test page only:** If enabled, only the first page will be printed. This is good to quickly test the printed output but at the same time to avoid unnecessary printer activity.
- **Orientation:** Decide if the output should be in portrait or landscape orientation.
- **Select Files:** Add/Remove files to/from the list of files that should be processed.

Processing Options

- **Number of Images per Page:** Specify the number of images per column and the number of images per row. Multiplying the number of images per row by the number of images per column will give the total number of images per page.
- **Space between Images:** Specify the amount of space in horizontal and vertical position to be used between each image of the page. The unit used is pixels.
- **Write Header:** If enabled, you can type a header that will be printed on top of all images. Further you can select the font, color and style that will be used for the header.

- **Write Filename:** If enabled, on the bottom of each image its filename will be written using the specified font.
- **Write Image Attributes:** If enabled, on the bottom of each image its image attributes will be written using the specified font.
- **Write File date:** If enabled, on the bottom of each image its file size will be written using the specified font.



Hint: When printing several images at once, you can use the Print Contact Sheet tool to create an index page of the images, and then use the Batch Print tool to print each of the images on a single paper! It will look good!

Hint: When working in Browser Mode: Select items in the Content View or the Playlist Window before you open the Batch Print tool to have it work on the selected items!

7.7 Create multipage animations

Multipage animations are graphics which contain several different pictures. Therefore it's possible to show e.g. a process in different stages.

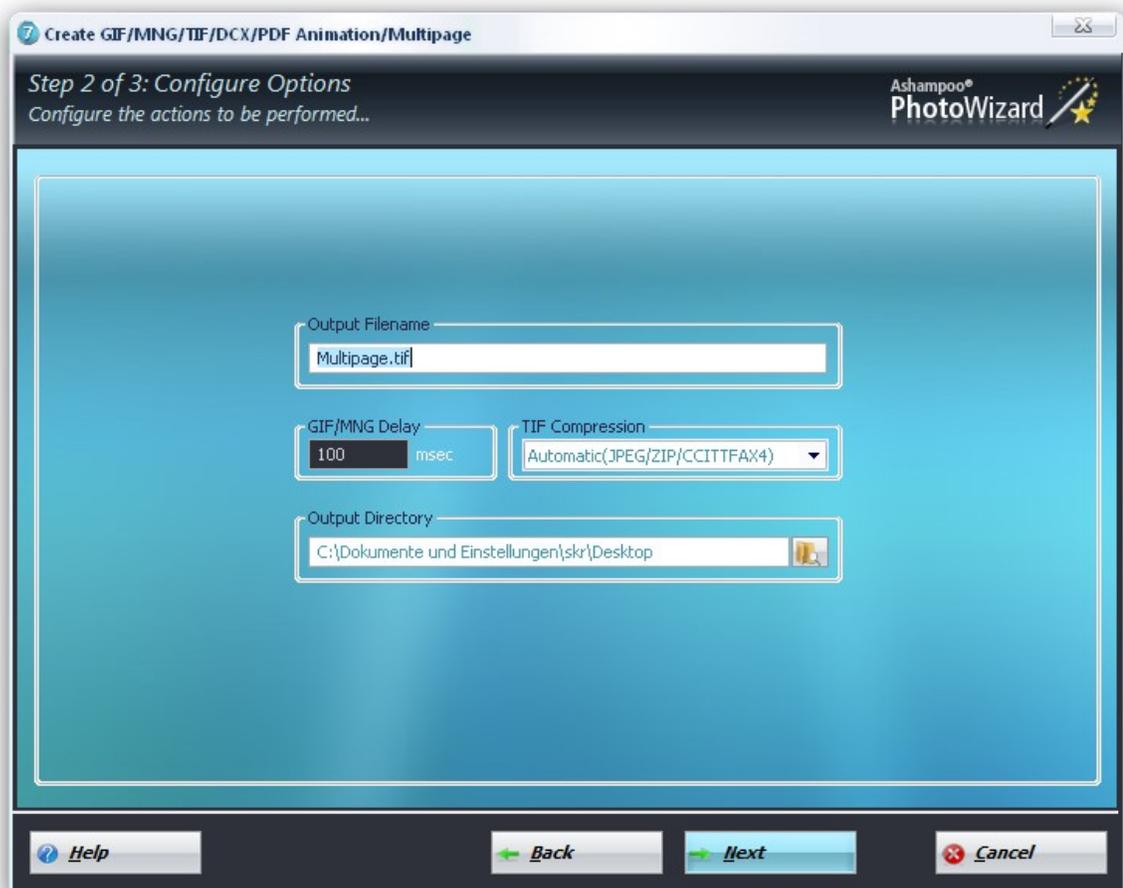
Add files (Step1)



General Options

- **Add Files:** Add/Remove files to/from the list of files that should be sent.
- **Move Up/Down:** is used to select in which order files should be processed.
- **Remove selected:** Removes the all selected files from the processing list.
- **Remove all:** Clears the list completely.

Set Options (Step2)



Options

TIF Compression: This option is only active when creating a TIF Multipage. Set what compression type to use when adding the source image files to the TIF Multipage file.

GIF/MNG delay:

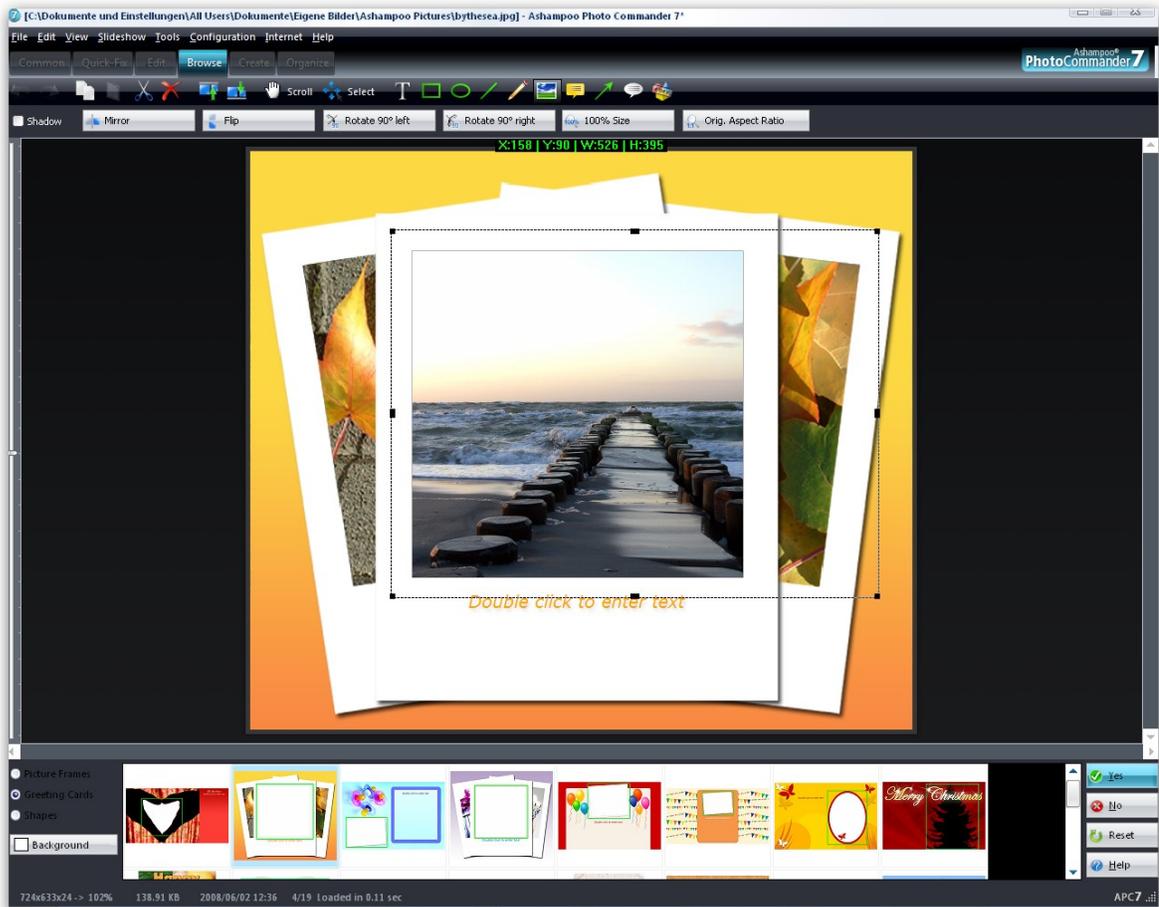
This option is only activated, if GIF/MNG is chosen. It defines the time in milliseconds until the next picture of the multipage animation will be shown.

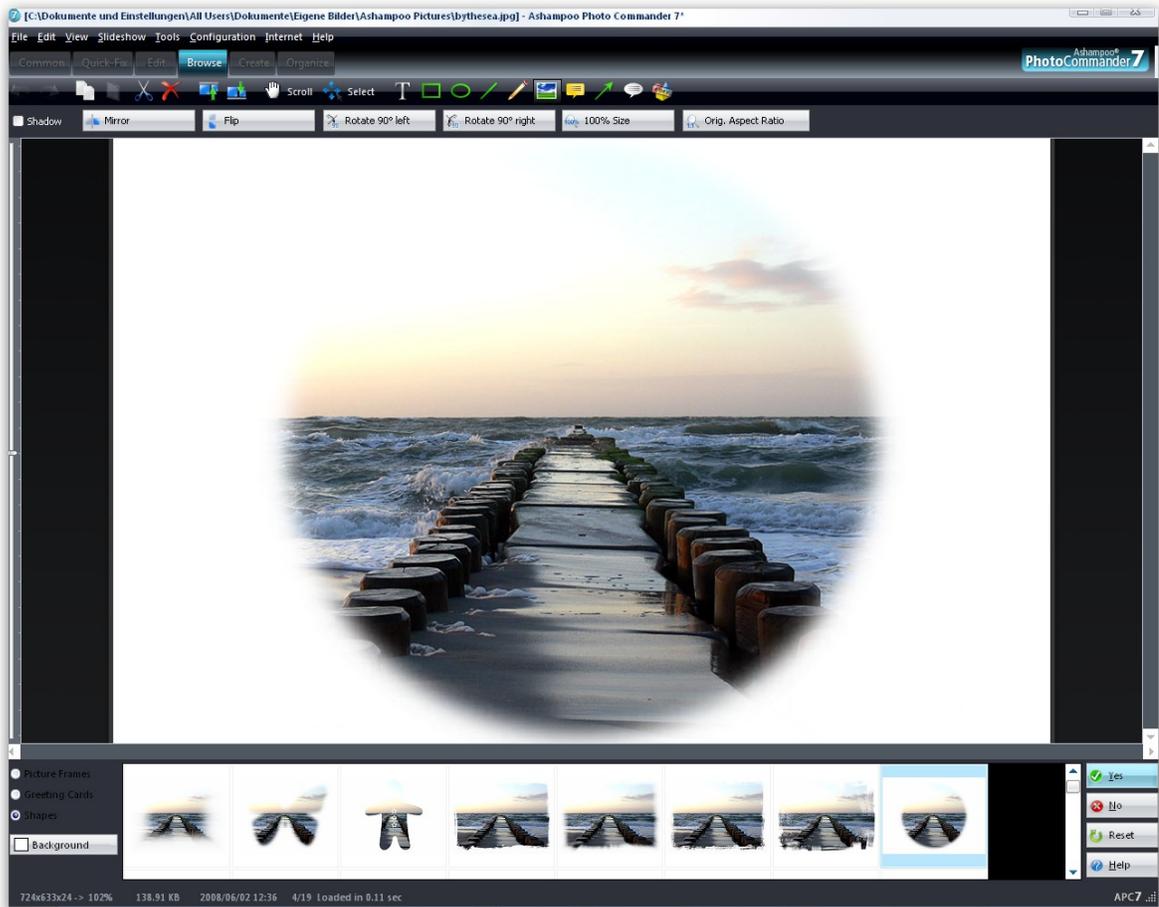
7.8 Frame style center

Frame Style Center

This tool can be used to add artistic picture frames and vignettes to photos and for quickly creating high-quality greeting cards. Includes a wide selection of vignette styles and greeting card templates. Greeting cards can be mailed from within the program. Use the three different Frame style modes at the bottom left to either apply Picture Frames, Greeting Cards or Shapes to the selected image. The Image preview is always refreshed in realtime after a new frame, greeting card or shape was defined. Use the Yes or NO buttons at the right bottom to apply a style to the image. To choose another background color, click at the button background to see the predefined-colors.



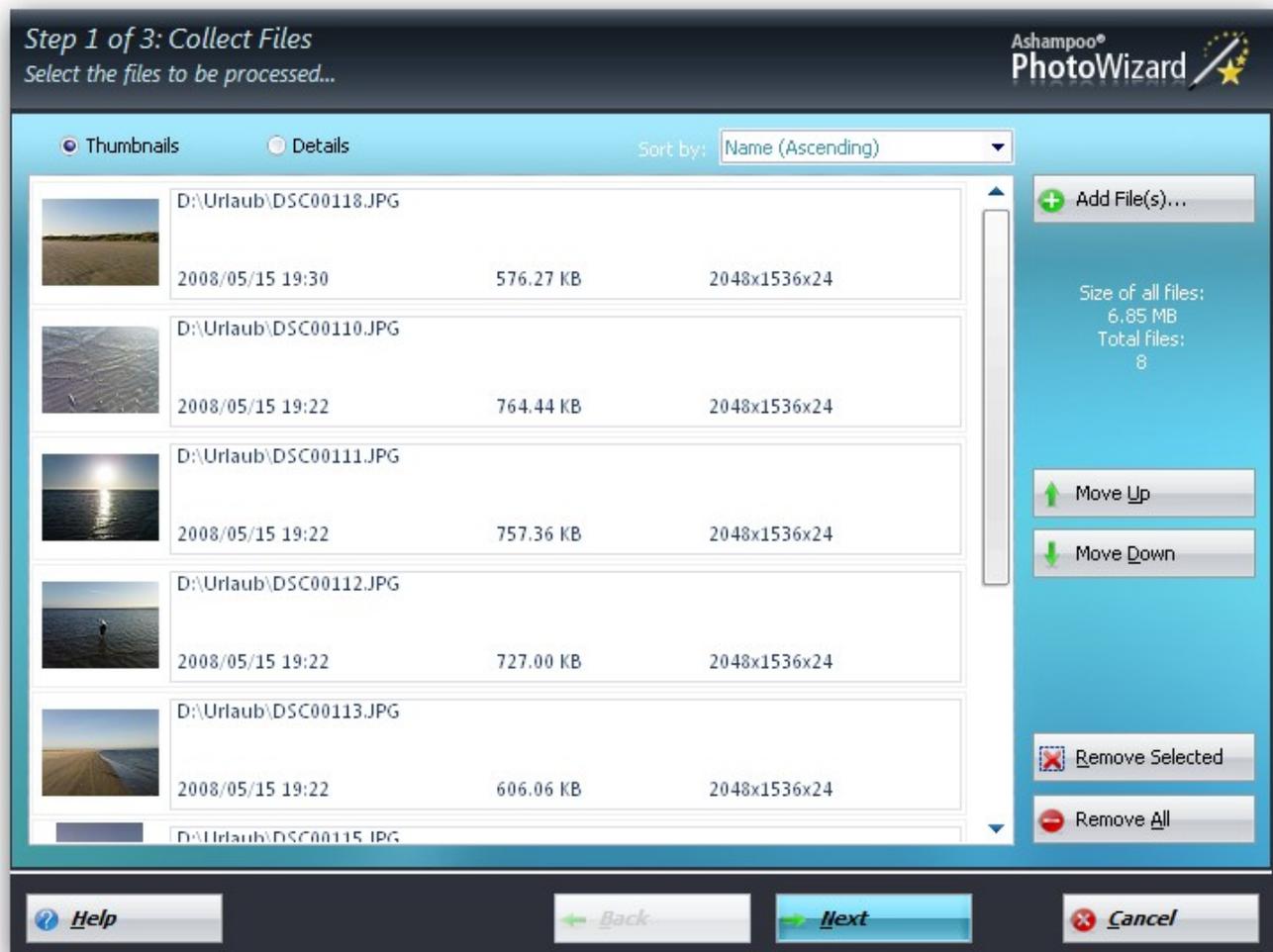




7.9 Panorama

This is a feature that many users have asked for. In version 7 you now have a tool for stitching together multiple photos to create a single large panorama image.

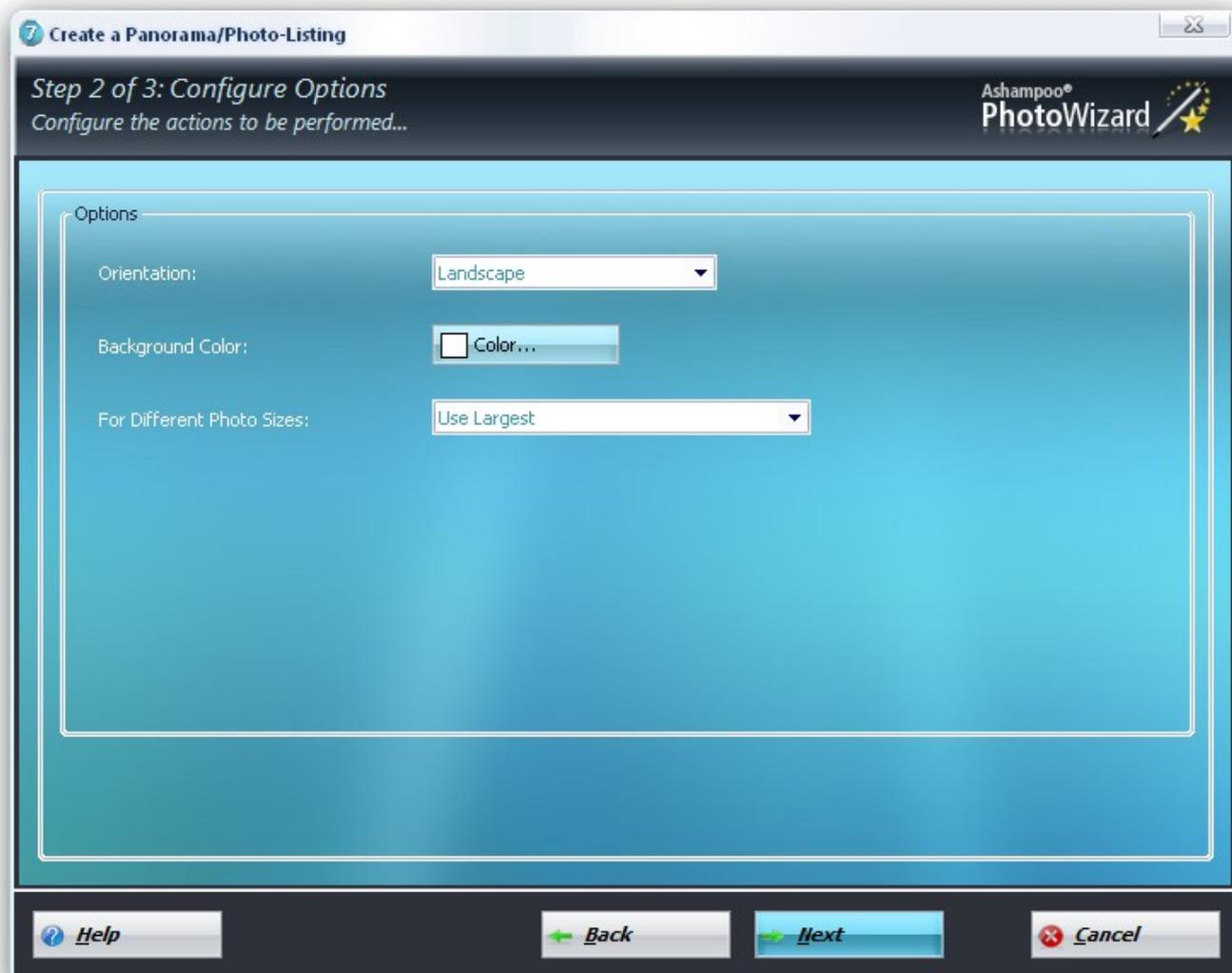
Add files (Step1)



General Options

- **Add Files:** Add/Remove files to/from the list of files that should be sent.
- **Move Up/Down:** is used to select in which order files should be processed.
- **Remove selected:** Removes the all selected files from the processing list.
- **Remove all:** Clears the list completely.

Set Options (Step2)



Options

Orientation: Decide if the output should be in portrait or landscape orientation.

Background Color: If the pictures aren't adequate *Ashampoo Photo Commander 7* has to add some frames above and below to adjust it. Click here to define the of this frames.

For Different Photo Sizes: There are three options to choose from. Take the one which fits best!

Use Largest: The height of the largest picture is set as standard. Frames above and below will be added to fill up.

Use Smallest: The height of the smallest pictures is set as standard, larger pictures will be cropped at the edge.

Use First Picture: The height of the first pictures is set as standard.

8 Organize



Organize is the housekeeping middle of *Ashampoo Photo Commander 7*. Sophisticated basic functions to treat your data are gathered, including the time-saving batch processes and the improved email and burning assistants. The JPG specials (Rotate, Optimize, Comment) help you to get your media files straight.

Click the functions in the picture, in order to receive more information about these features. You can always return using the "Previous Topic" button at the right upper corner.

8.1 JPG Rotation

JPG Rotation

The **Ashampoo Photo Commander 7** contains a special tool for applying lossless image transformations for files that use the JPG file format. The Lossless JPG Transformation tool can be found in the applications **Tools menu** (hot key: Shift+6).

This tool is only available when the current media file is of JPG file format (*.jpg). It allows you to apply commands like rotate or mirror to your photographs stored on disk without any loss of image quality (also known as Lossless JPG Rotation).

Add files (Step1)

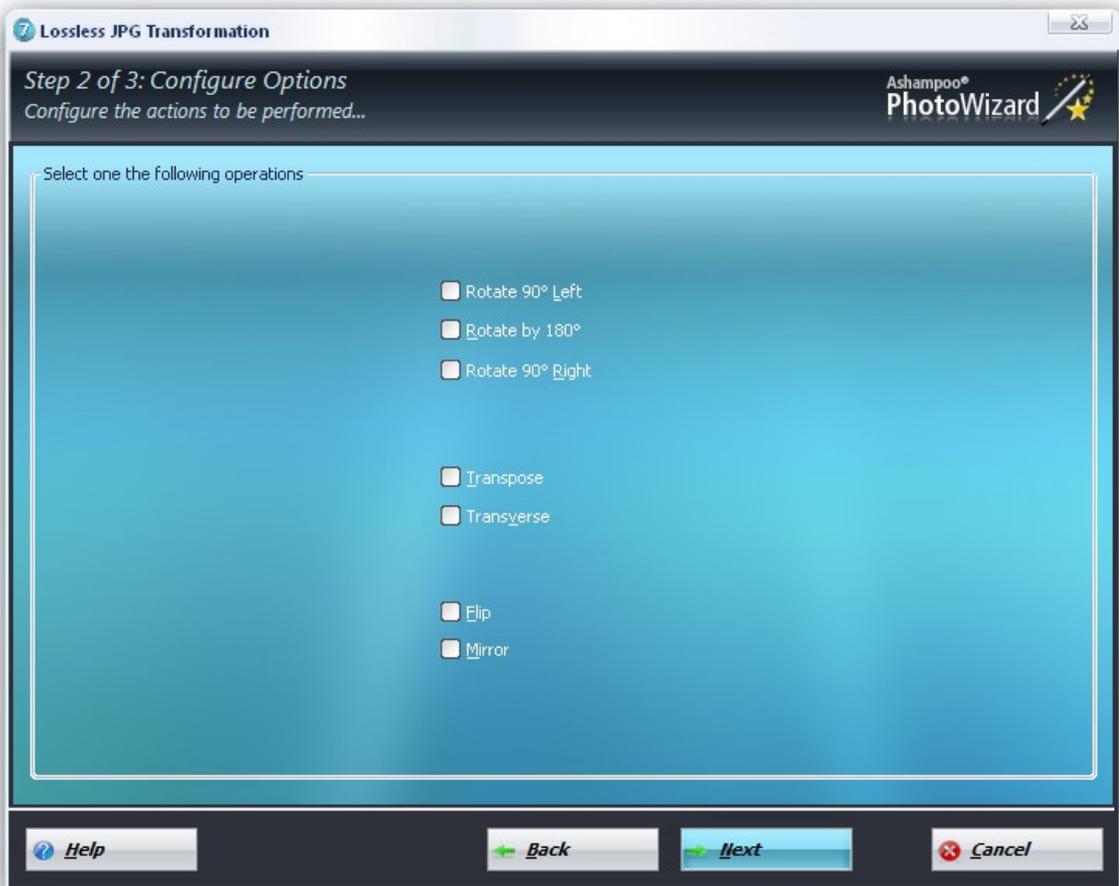


General Options

- **Add Files:** Add/Remove files to/from the list of files that should be sent.
- **Move Up/Down:** is used to select in which order files should be processed.
- **Remove selected:** Removes the all selected files from the processing list.

- **Remove all:** Clears the list completely.

Set Options (Step2)



Options

- **Mirror:** Mirrors the image horizontally.
- **Flip:** Flips the image vertically.
- **Rotate 90° left:** Rotates the image by 90° to the left.
- **Rotate 90° right:** Rotates the image by 90° to the right.
- **Rotate by 180°:** Rotates the image by 180°.
- **Transpose:** Transpose the image around the X Axis.
- **Transverse:** Transpose the image around the X Axis.



Note: Any JPG transformation like rotate will be applied to the image file immediately. There is no need to save changes as it is a lossless transformation thus not creating any loss of image quality.

8.2 JPG Optimizer

JPG Optimizer

The *Ashampoo Photo Commander 7* has an advanced tool to clean and optimize image files stored in JPG Format (*.jpg) without any loss of image quality. The Lossless JPG Cleaner tool can be found in the applications **Tools menu**.

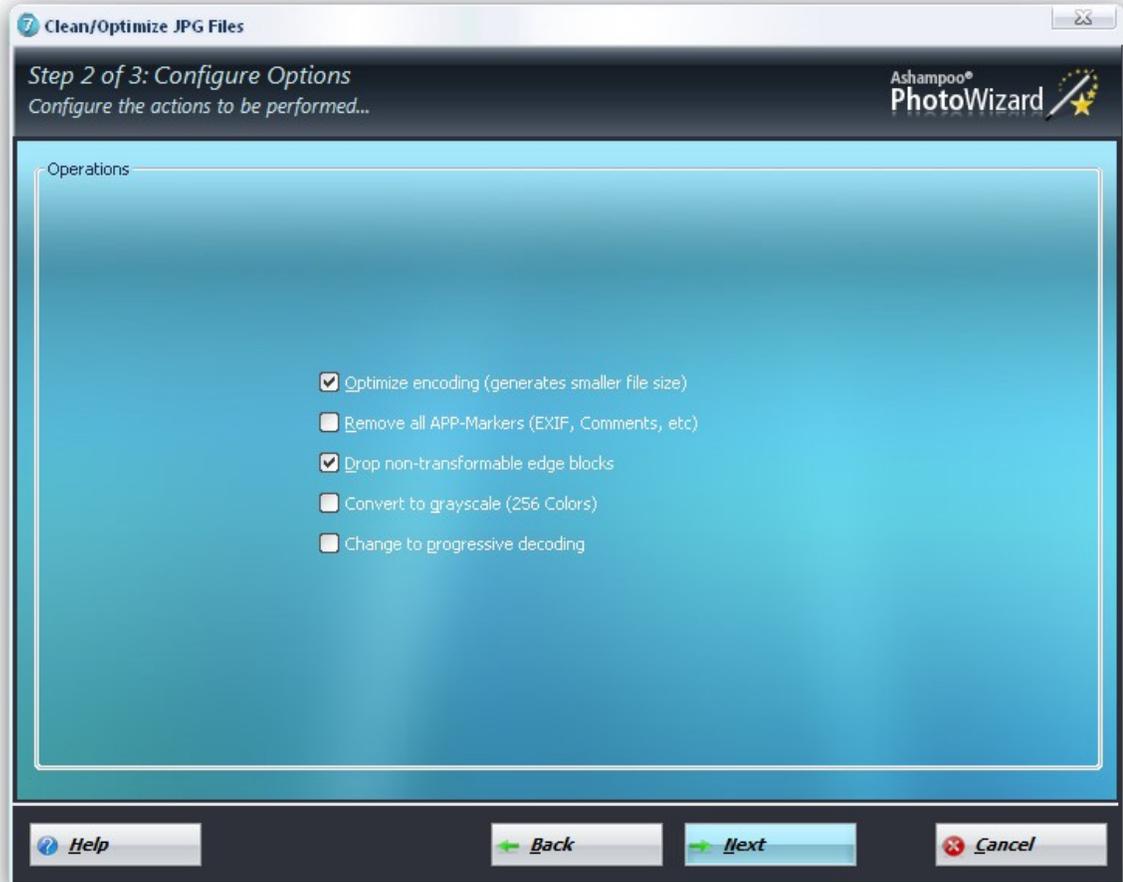
Add files (Step1)



General Options

- **Add Files:** Add/Remove files to/from the list of files that should be sent.
- **Move Up/Down:** is used to select in which order files should be processed.
- **Remove selected:** Removes the all selected files from the processing list.
- **Remove all:** Clears the list completely.

Set Options (Step2)



Processing options

- **Optimize Encoding:** This will decrease the image file size by a small amount (typically 5-10% of the original file size).
- **Remove all APP-Markers:** This will remove ANY additional information (e.g.: EXIF including thumbnails) stored in the JPG file except the image.
- **Drop non-transformable edge blocks:** This will remove hidden image data that can neither be processed nor is visible.
- **Convert to Grayscale:** This will convert your .jpg file to grayscale containing 256 colors.
- **Change to Progressive Decoding:** If enabled, the JPG file will become progressively encoded. If disabled, the JPG file will become baseline encoded.



Note: When enabled, all other processing options will be disabled, as changing the progressive decoding state is an exclusive operation.

Note: The JPG Cleaner does work on JPG files (*.jpg) without modifying the image quality! **Hint:** When working in Browser Mode: Select items in the Content View or the Playlist Window before you open the Lossless JPG Cleaner tool to have it work on the selected items!

8.3 JPG Comment

JPG Comment

Use this tool to assign comments to JPG-images. This function may be useful, to for e.g. write a copyright note to images of your choice.

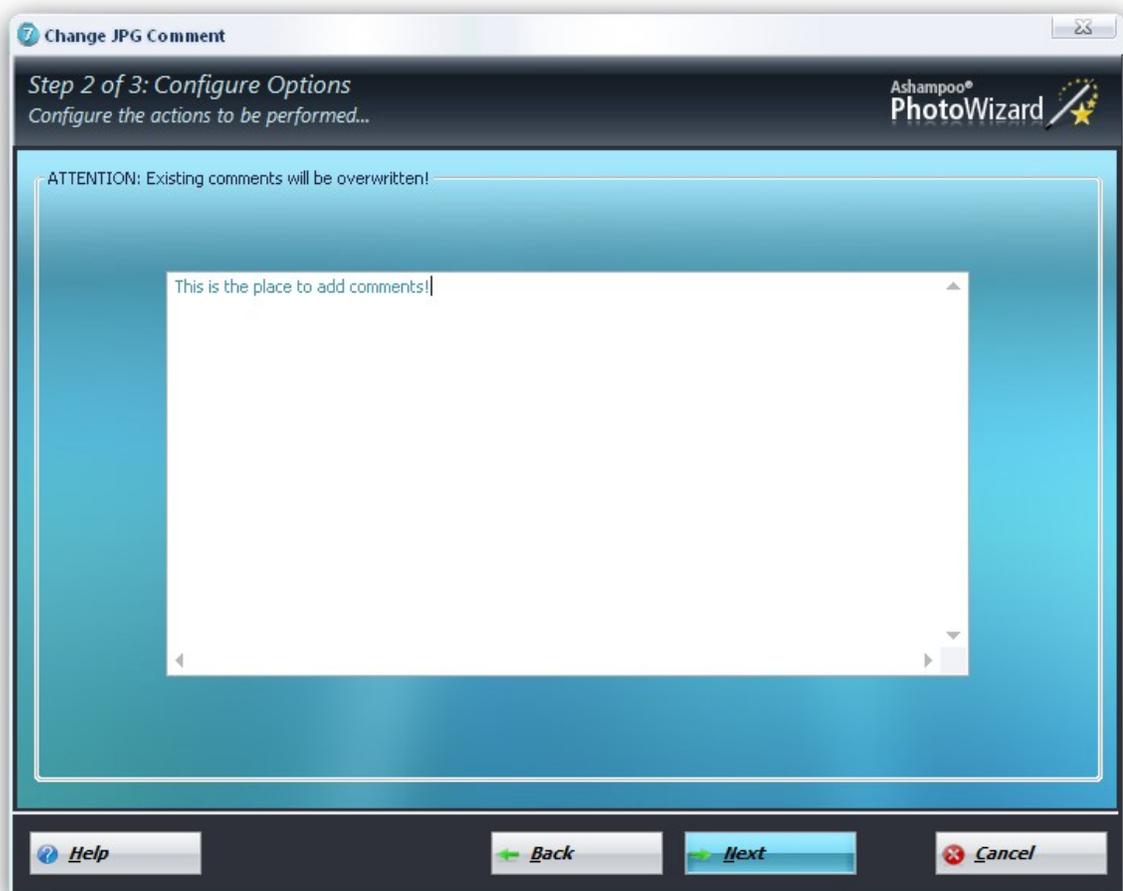
Add files (Step1)



General Options

- **Add Files:** Add/Remove files to/from the list of files that should be sent.
- **Move Up/Down:** is used to select in which order files should be processed.
- **Remove selected:** Removes the all selected files from the processing list.
- **Remove all:** Clears the list completely.

Set Options (Step2)



Use the text box to add comments to the selected images.

8.4 Burn Files and folder

The **Ashampoo Photo Commander 7** does come with an advanced tool to burn your files to CD or DVD! The burn files and folder tool can be found in the applications **Tools** menu.

Add files (Step1)



General Options

- **Add Files:** Add/Remove files to/from the list of files that should be sent.
- **Move Up/Down:** is used to select in which order files should be processed.
- **Remove selected:** Removes the all selected files from the processing list.
- **Remove all:** Clears the list completely.



Note: The burn files and folder wizard allows you to burn any type of file you wish to burn to CD or DVD.

Set Options (Step2)

mail1.jpg

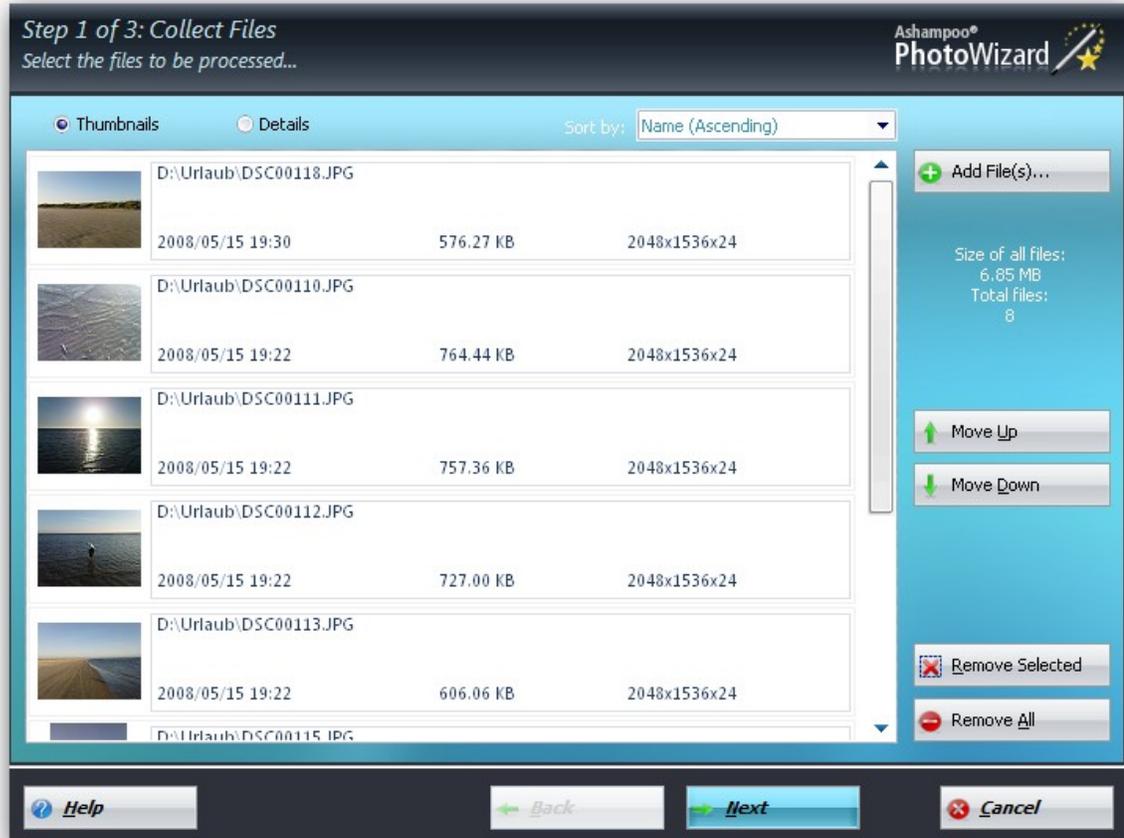
Output type

- **Destination Drive:** within the field select the CD or DVD Burner you would like to use to burn the files and folders you selected in step1.
- **Disc title:** Use the text field to give your CD/DVD a title.
- **Within the Burning Options:** You can choose either finalize or verify the contents of your CD/DVD.

8.5 Convert Images

The *Ashampoo Photo Commander 7* has an advanced tool for processing image files in a batch. It can be used to apply a specific image editing command to many files or to convert image files from one file format to another. The batch convert tool can be found in the applications menu.

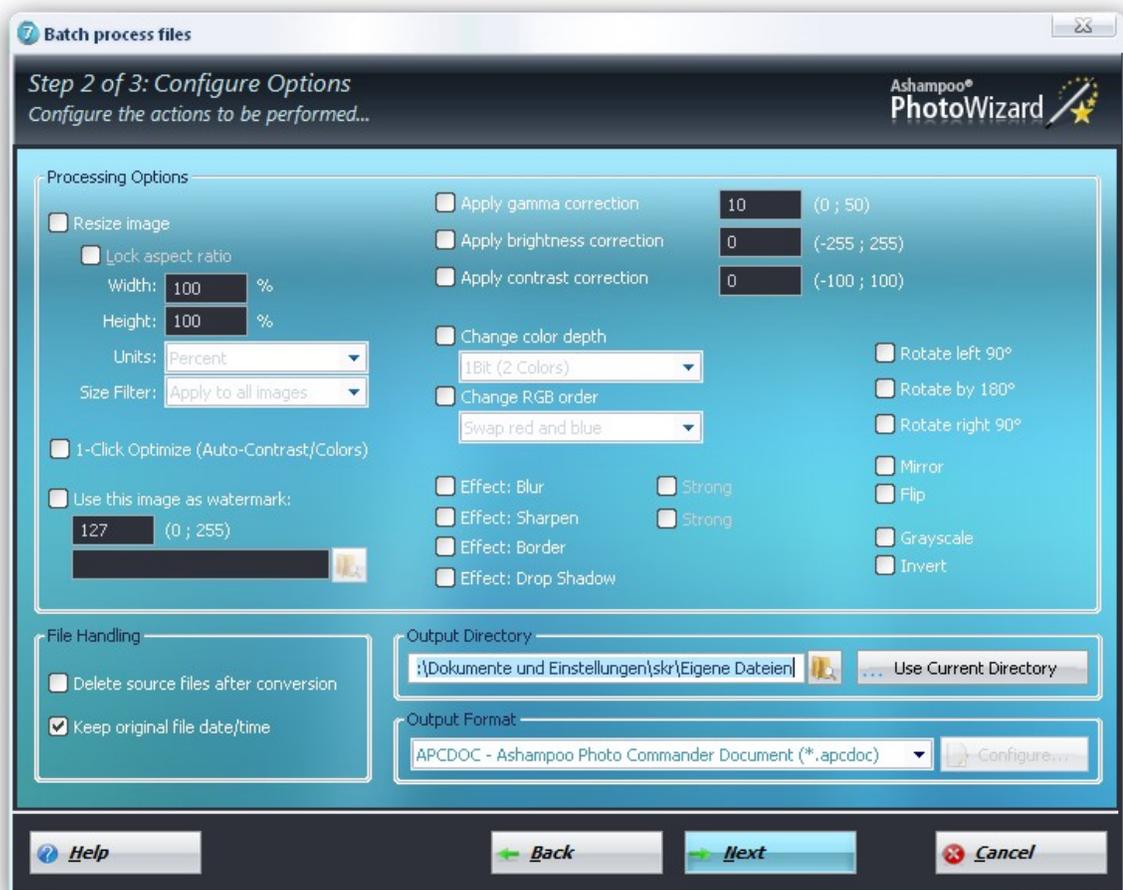
Add files (Step1)



General Options

- **Add Files:** Add/Remove files to/from the list of files that should be sent.
- **Move Up/Down:** is used to select in which order files should be processed.
- **Remove selected:** Removes the all selected files from the processing list.
- **Remove all:** Clears the list completely.

Set Options (Step2)



Options:

Processing options

- **Resize image:** Use the resize options to resize all images selected according to your needs.
- **Change Color Depth:** Change the color depth of the processed image file to the specified one.
- **Change RGB Order:** Change the color components order of the processed image file to the specified one.
- **Change Image Size:** Change the image size to a specified size. The size can be specified in different units (cm, inch, pixels, percent).
- Use the option **Maintain Aspect Ratio** to only have to specify the width as the height will be computed maintaining the aspect ratio of the original image. The **size filter** can be used to work only on image files that have a greater size/resolution or smaller size/resolution than the specified one.
- **Apply Gamma Correction:** Adds gamma correction using the specified value.

- **Apply Brightness Correction:** Adds brightness correction using the specified value.
- **Apply Contrast Correction:** Adds contrast correction using the specified value.
- **Effect Blur:** Blurs the image file with the specified value.
- **Effect Sharpen:** Sharpens the image file with the specified value.
- **Effect Border:** Applies the Border Effect to the image.
- **Rotate left 90°:** Rotates the image by 90 degree to the left.
- **Rotate right 90°:** Rotates the image by 90 degree to the right.
- **Rotate by 180°:** Rotates the image by 180°.
- **Mirror:** Mirrors the image horizontally.
- **Flip:** Flips the image vertically.
- **Grayscale:** Converts the image to grayscale.
- **Invert:** Inverts the colors of the image.
- **Apply Image as Watermark:** Alphablends the specified 32bit image using per pixel alpha in the lower right corner of the input image file using the specified value as transparency threshold. For example, you can use this to add your companies logo to all of your screenshots.

General Options

- **Output Directory:** Specify the location where to put the processed files.
- **Delete source files after conversion:** Will delete the original image file after processing finished from disk. Use with care!
- **Maintain original file date/time:** If disabled, the processed files will receive the current date/time.
- **Output Format:** Select the destination format the processed files will be saved in.

8.6 Rename files

The *Ashampoo Photo Commander 7* offers the possibility to rename many files at once using a filter for filename generation. The Batch Rename tool can be found in the applications **Tools menu** (hot key: Shift+2).

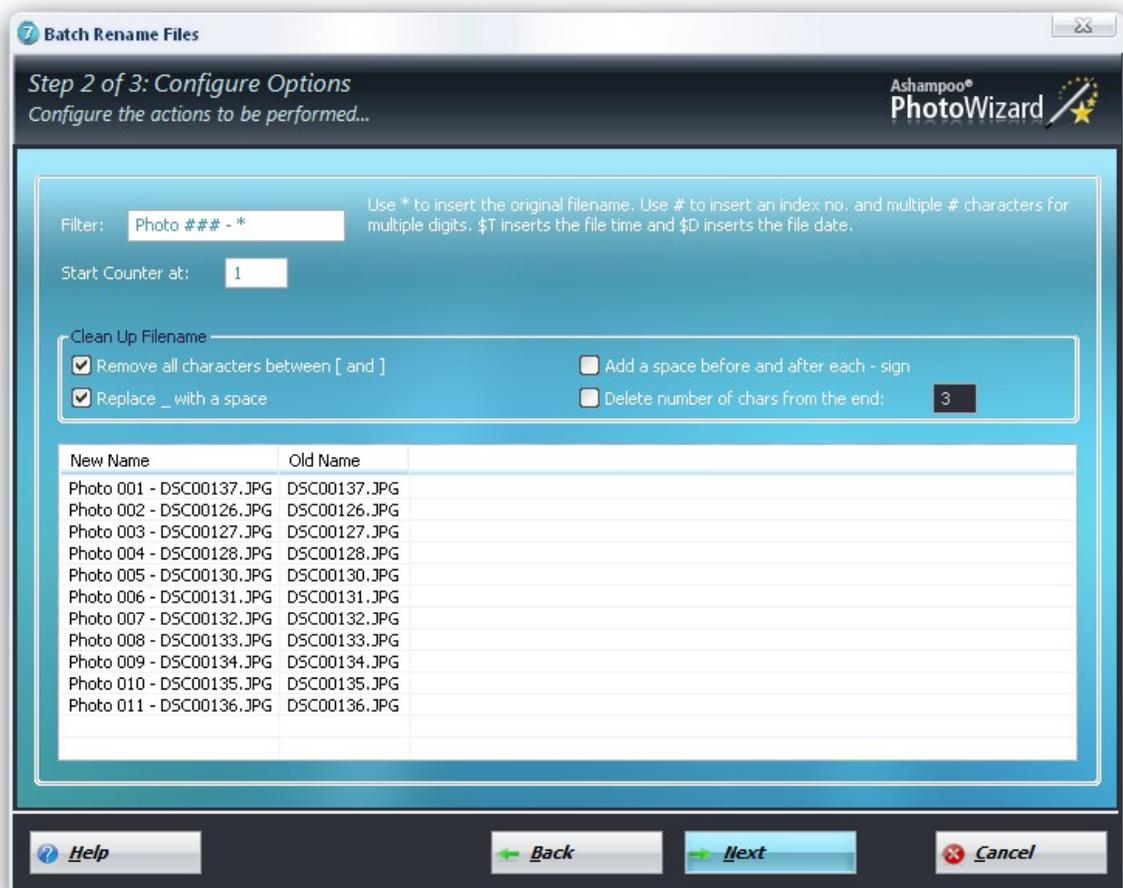
Add files (Step1)



General Options

- **Add Files:** Add/Remove files to/from the list of files that should be sent.
- **Move Up/Down:** is used to select in which order files should be processed.
- **Remove selected:** Removes the all selected files from the processing list.
- **Remove all:** Clears the list completely.

Set Options (Step2)



Processing options

- **Filter:** Type text that will be used as filename base. Use * to insert the original filename. Use one or more # to insert the index and the number of digits to use. Use \$T to add the file time and \$D to add the file date of each file.
- **Start Counter at:** The counter will increase by one for every file that has to be renamed. Specify at what number the counter should start counting.

Clean Filename

Offers different options to clean and / or modify the filenames.

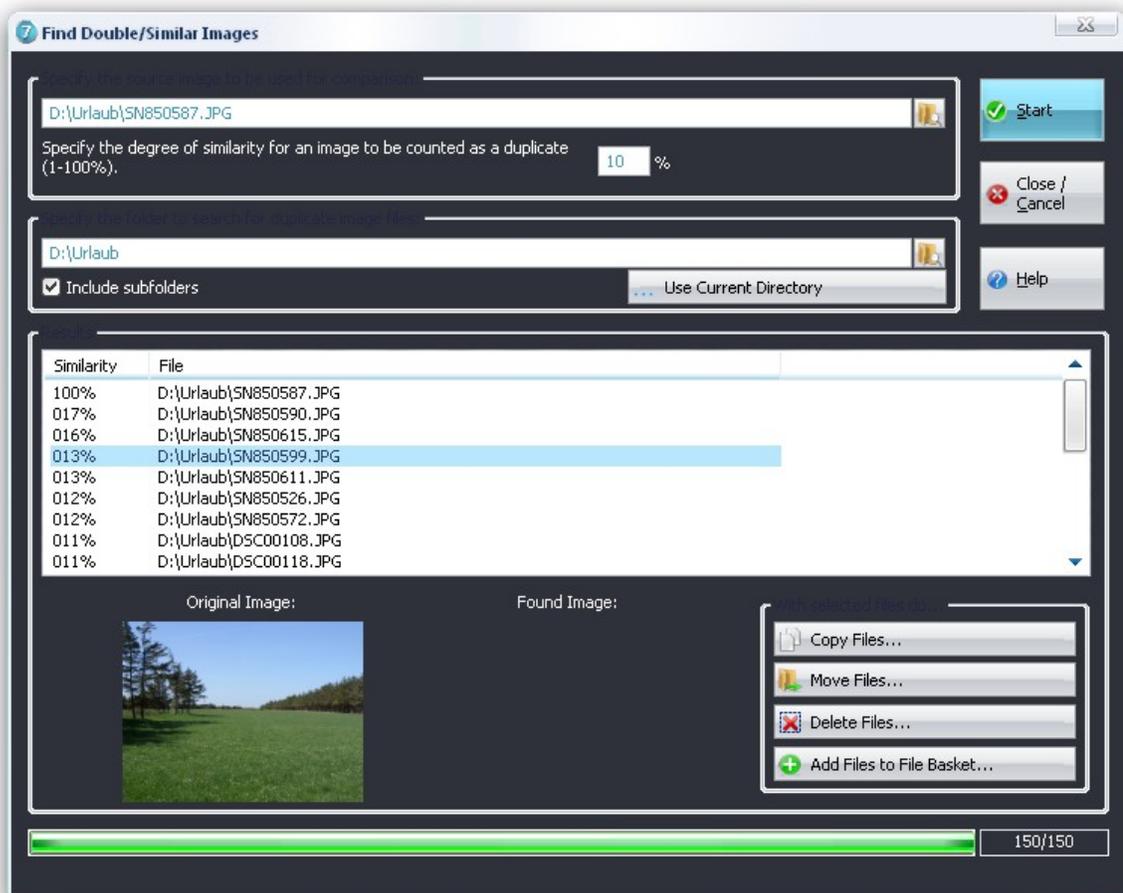
8.7 (Automatically) Find Duplicates

Find specific double images

Anyone that downloads images from the internet, or that works a lot with digital photos, will know that after a while there are probably a lot of different versions of the same image around. As long as these images are similar, they can be found very quickly using a check on file length, and if identical, followed by a check of the contents of the files. This is what **Ashampoo Photo Commander 7** does when searching 100 percent. It gets more complicated if the images are not exact duplicates. Sometimes, images get resized or perhaps saved with a different amount of compression. Some images even get altered slightly, get frames around them or text or logos added to them.

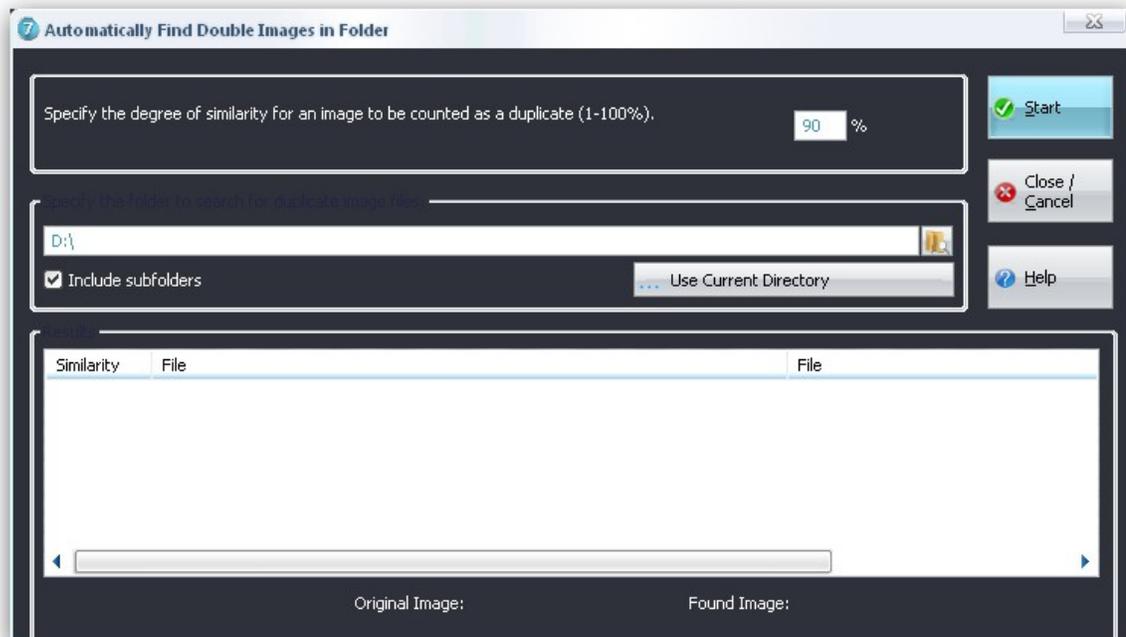
Ashampoo Photo Commander 7 enables you to find double and similar images on your computer. **Ashampoo Photo Commander 7** compares images by their content, and can find duplicates even if the file size and file name is different or the image has been resized or slightly modified. You can set the level of required match in percentage. Found images can be compared easily side-by-side. You can choose whether you want to copy, to delete to move the images or just add them to a playlist.

- Use the percentage field to indicate the level of desired similarity and select the picture to start the comparison. (from 0 to 100).
- Select the start option to search for double and similar images in the currently selected folder (and its sub-folders).



Automatically Find Double Images in Folder

It's even more comfortably to start a comparison between each and every picture in a folder. It's just like the specific feature above but you won't have to add a source picture. Just type in the degree of similarity, choose a folder, check the "Include subfolders" box (if necessary) and click at Start.



9 Menus

Just go ahead and click on the Jump links in the picture below to move on and find out more about the different menus of the **Ashampoo Photo Commander 7**. The **Ashampoo Photo Commander 7** has the following menus:

File Edit View Slideshow Tools Configuration Internet Help



Example: If you would like to know more about the File menu, click on **File** in the screenshot.

9.1 File

The following table shows the different options you have in the File menu.

New

Within this submenu you can create the following files:

- **Image:** Use this entry to create an empty Image with a specified size and background color.

- **Animations:** Use this entry to create an animation.(.gif/.mng)
The *Ashampoo Photo Commander 7* offers the possibility to create an animation in GIF/MNG format (animation formats), or to create a multipage TIF/DCX (formats which may be used as multipage facsimiles) file. The Create GIF/MNG/TIF/DCX Animation/Multipage tool can be found in the applications **Tools menu**.

General Options:

- **Output filename:** Type text that will be used as filename. The *Ashampoo Photo Commander 7* will initially add a sample filename: Multipage.tif when creating a TIF Multipage, Multipage.dcx when creating a DCX Multipage, Animation.gif when creating a GIF Animation and Animation.mng when creating a MNG Animation.
- **Output Directory:** Specify the location where the final GIF/MNG/TIF/DCX Animation/Multipage file should be stored.
- **Select Files:** Add/Remove/Reorder files to/from/in the list of files that should be processed.

Processing options:

GIF/MNG Delay: This option is only active when creating a GIF or MNG Animation. Set the time to wait in milliseconds before displaying the next frame.

TIF Compression: This option is only active when creating a TIF Multipage. Set what compression type to use when adding the source image files to the TIF Multipage file.

Note: The basic Create Animation Dialog is the same whether you want to create a GIF Animation, a MNG Animation or a Multipage TIF file.

Hint: When working in Browser Mode: Select items in the Content View or

the Playlist Window before you open the Create GIF/MNG/TIF Animation/Multipage tool to have it work on the selected items!

Hint: When creating a GIF/MNG Animation, the **Ashampoo Photo Commander 7** takes care about any transparency stored in the source image files that will be used as frames for the following formats: PNG, GIF, ICO, CUR!

- **Multipage** Use this entry to create a multipage file, this might be useful as facsimiles. (.tif/.dcx)
- **Slideshows or Playlists.** Use this entry to create a slideshow or playlist.

Import / Scan

Click here for details!

Open

Opens a media file.

Open with external program

This is a powerful tool to configure other programs that will open files currently loaded into the **Ashampoo Photo Commander 7**. For example, you can configure your favorite image editing application and use the **Ashampoo Photo Commander 7** as quick viewer, but whenever you want to open a file for editing, you can use the "Open with" command.

Save

Save the file under the current filename.

Save as

The Save As Dialog will appear to save the current file. The **Ashampoo Photo Commander 7** can save to the most common and most important image file formats. To use this ability, load any supported image file format and issue the Save As command from the file menu (hot key: Ctrl+S). A special extended version of the Windows built-in Save As Dialog will appear on the screen, giving you the possibility to set the destination folder, the destination filename and the destination format you want to save your image in. In the drop-down combo box you can specify the destination format. If the specified destination format has specific settings (eg: JPG, PNG) then the controls to set those will be shown in the tab control below the drop-down combo box as shown in the screenshot to the left.

Note: By default the **Ashampoo Photo Commander 7** remembers the directory you used for saving an image to and automatically opens the Save As Dialog in this directory. That's why the button "switch to current folder" is a handy one, as it gives you the possibility to change the Save As Dialog's display folder to the folder you loaded the image from in case you don't want to use the directory you saved the last time to.

Hint: The **Ashampoo Photo Commander 7** does take care of any transparency stored in an indexed image automatically when saving to the following formats: GIF, PNG!

Hint: To convert any animated GIF into an animated MNG you only need to specify MNG as destination format and the **Ashampoo Photo Commander 7** will do the whole conversion of the Animation for you!

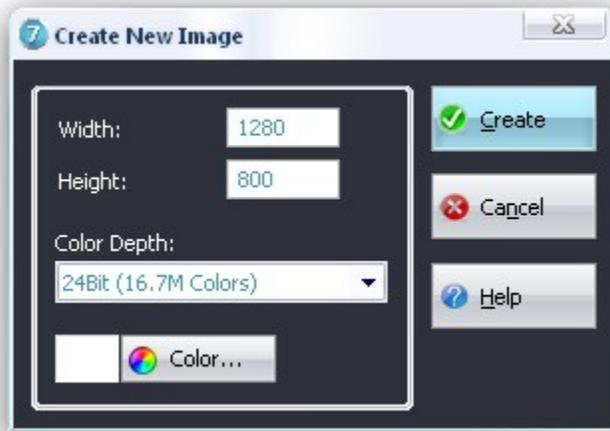
Reload	Reload the current media file.
Close	Close the current media file.
Move to	Move current media file(s) to a specified directory.
Copy to	Copy current media file(s) to a specified directory.
Rename	Rename current media file(s).
Delete Item(s)	Delete current media file(s).
Send by Email	Opens your default email client and generates a mail with the selected picture as attachment.
Print	<ul style="list-style-type: none">• Print current Image: See the Print dialog for more information.
Search	Search the Content View for files. This function includes one of the most sophisticated features of Ashampoo Photo Commander 7 . You are now able to search for special ratings (e.g. Media Player and Windows Vista™) and special EXIF and IPTC contents, which contain camera settings, date and time, etc .
File Information	Displays file information about the current media file.
File Date/Time	This option can be used to change or apply the date or time of the current file.
Change DPI	This option can be used to change or apply the size of an image in DPI (DOTS PER INCH). Click here for details!
Exit	Exit the Ashampoo Photo Commander 7 .



Hint: Use the hot keys to make working with Ashampoo Photo Commander 7 more comfortable.

9.1.1 Create Image

Of course, you are also able to create a new image. Just chose **new => image** in the **File** menu. A new menu opens and the settings of your new picture appear. This menu contains various commands to configure the current file. **Width** and **Height** define the size of the image, **Color Depth** the number of colors which can be displayed and **Color** sets the background color of your picture. Click **Create** to continue.



9.2 Edit

This menu contains various commands you can apply to edit the current media files.



Note: Whenever you issue a command, it can be undone by calling the Undo function.

Undo	Whenever you issue a command, it can be undone by calling the Undo function.
Redo	"Undo" the previous Undo. Use Undo/Redo to quickly toggle between an image with and without effect.
Copy	Copy selection to the clipboard.
Paste	Paste an selection from the clipboard.
Cut	Cut a selection from the image (and copy selection to the Clipboard).

Delete	Deletes selection.
Crop Selection	Cut the selection from the image and paste the selection as new image.
Show/Hide Frame Style Center	The Frame Style Center is used to add artistic picture frames and vignettes to photos and for quickly creating high-quality greeting cards. Includes a wide selection of vignette styles and greeting card templates.
Quick -Fix Tools	Click here for details!
Objects	Click here for details!
Modify	<ul style="list-style-type: none">• Resize: Change the image size to a specified size. The size can be specified in different units (cm, inch, pixels, percent).• Resize Canvas: Change the image canvas size to a specified size. The size can be specified in different units (cm, inch, pixels, percent).
Color depth	<ul style="list-style-type: none">• Within this menu, use the correlating functions to apply image conversions according to your needs. You can convert your images to:<ul style="list-style-type: none">1 Bit (2 colors)4 Bits (16 colors)8 Bits (256 colors)16 Bits (65 k colors)24 Bits (16.7 M colors)32 Bits (16.7 M colors + Alpha)• Note: Whenever you issue a command, it can be undone by calling the Undo function.
Effects	<ul style="list-style-type: none">• Blur: Blurs the image file with the specified value.• Blur Strong: Blurs the image file with a higher value.• Sharpen: Sharpens the image file with the specified value.• Sharpen Strong: Sharpens the image file with a higher value.• Greyscale: Converts the image to gray scale. The simplest method for converting color images to black and white.• Sepia: Converts the image to sepia color scheme.• Invert: Inverts the colors of the image.

- **Pencil Drawing:** Generates a pencil drawing from a image.
- **Buttonize:** This effect will create a frame around the image.
- **Pixelize:** This effect makes the image look pixelized.
- **Seamless Image:** This effect will create a seamless image.
- **Edge Detection:** This effect will detect all edges within the image.
- **Radial Blur:** Blurs the image.
- **Drop Shadow:** Adds a shadow to the image.
- **Emboss 135°:** The function causes the foreground to appear raised from the background by suppressing color and tracing edges in black.
- **Emboss 90°:** The function causes the foreground to appear raised from the background by suppressing color and tracing edges in black.
- **Emboss 45°:** The function causes the foreground to appear raised from the background by suppressing color and tracing edges in black.
- **Dilation:** This effect lets the colors of the image expand.
- **Erosion:** This effect lets the colors of the image erode.
- **Outline:** The effect will detect and show all outlines within the image.

Color Channels

Set the different color view modes. Possible options are: View all Channels, View Red Channel, View Green Channel, View Blue Channel, View Alpha Channel as Image, View Alpha Channel as Layer and View Alpha Channel blended into Image. You can easy switch the color channels of your images.

RGB -> BGR

RGB -> GRB

RGB -> RBG

Exposure (HDR)

Increase/Decrease: Change in real time the Exposure for the following HDR Formats: EXR, HDR, PFM!

Select All

Select all files from the current folder.

Add items to File Basket

Add selected files to File Basket.

Extract All Frames

Extract all images from a video file.

Extract current Frame Extract the currently visible image from a video file.



Hint: Use the hot keys to make working with Ashampoo Photo Commander 7 more comfortable.

9.3 View

Switch Compact / Browser Mode Switches from normal to compact mode and the other way around depending on what mode you are in.

Go Fullscreen Use this entry to move to Fullscreen mode.

Show Hide Here you may enable or disable the display of **Statusbar**, **Image scrollbar** or **Zoombar**.

View Style Of Browser Changes the browser style.

Layout of Browser Configures the arrangement of the preview (middle or left)

Sort files Configure the sort order (by filename, by file size, by file date).

Refresh Reloads the Browser/Content View.

Go to Switches to file corresponding to the command.

Zoom In Zoom into the current image.

Zoom Out Zoom out of the current image.

Zoom 100% Show the current image with 100% (original size).

Zoom into Selection Make only the current selection visible.

Fit Display Area You can fit your image to your display area in four different ways:

1. Fit to Display Area
2. Fit to Display Area Width
3. Fit to Display Area Height
4. Show Image as Tilemap



Hint: Use the hot keys to make working with Ashampoo Photo Commander 7 more comfortable.

9.4 Slideshow

This menu contains various commands to control the current animation/video/audio file.

Start/stop in Window	Starts or stops the slideshow in the current window.
Start Fullscreen	Starts the slideshow in fullscreen mode, use Ctrl+ Space to go fullscreen mode manually.
Sequence Forwards	Sets the sequence of the slideshow to forward.
Sequence Reverse	Sets the slideshow sequence reverse.
Sequence Random	Sets the slideshow sequence randomly.
Configure	Here you may apply further options of the slideshow like the time delay. For more information click here .



Hint: Use the hot keys to make working with Ashampoo Photo Commander 7 more comfortable.

9.5 Tools

This menu allows you choose among the powerful tools the **Ashampoo Photo Commander 7** does offer. An explanation of each tool can be found in the **Tools chapter** of this help.

Convert Photos	Opens the Batch Process Images dialog. This tool enables you to batch process images. An unlimited number of pictures may be processed. For more information click here .
-----------------------	--

- Rename Files** Using this entry enables you batch rename files very comfortably. An unlimited number of pictures may be processed in one renaming process. For more information click [here](#).
- Create Web Photo Album** This tool can create a Photo Album for the web by generating small preview images and linking them into html files. For more information click [here](#).
- Create Calendar** Create and print 12-month photo calendars in three different styles. For more information click [here](#).
- Create Collage** Select photos and generate artistic collages complete with background images with a couple of clicks. For more information click [here](#).
- Create Panorama** You now have a tool for stitching together multiple photos to create a single large panorama image. For more information click [here](#).
- Find Specific Duplicates** Find double or similar images on your hard drive compared with an original photo. For more information click [here](#)
- Automatically Find Duplicates** Automatically find double or similar images on your hard drive. For more information click [here](#).
- Photo-Mix** Merges two photo into one image. For more information click [here](#).
- Print Images in a Batch** **Batch Print Images: Batch Print Images** offers the possibility to print many image files at once using the same printing options for all images. An unlimited number of pictures may be printed with same print settings.
- Print a Thumbnail Sheet** **Create / Print a Contact / Thumbnail Sheet:** This menu entry offers the possibility to print contact sheets, which is done by printing several images on the same paper(s) using predefined settings. For more information click [here](#).
- Print multiple photos on a sheet** The Photo Commanders also offers an opportunity to print several photos at one sheet. This will save lots of your photographic paper!
- Create Slideshow on CD/DVD** For more information click [here](#).
- Burn images to CD** For more information click [here](#).

/DVD

JPG Rotation	This entry contains a another batch process assistant for rotation for files that use the JPG file format. Again an unlimited number of pictures may be processed. For more information click here .
JPG Optimizer	This entry contains a tool for applying lossless image transformations for files that use the JPG file format. For more information click here .
JPG comment	This entry contains a tool for applying comments to JPG image files. For more information click here .
Print	Opens the Print-submenu.
Set Image as Wallpaper	With this option you may set a desktop wallpaper. Using the Ashampoo Photo Commander 7 to set wallpapers makes it possible to set it for the current user. For more information click here .

9.6 Configuration

Choose Language	Set one among the available languages the Ashampoo Photo Commander 7 should use. Your selected language will be implemented directly. You do not have to restart the Ashampoo Photo Commander 7.
Configure Service-Channel	Enable/Disable the display of the Infochannels. The Ashampoo News and Update Infochannel are available.
Start Welcome Wizard	The Welcome Wizard enables you to configure the Ashampoo Photo Commander 7 as easy as possible. Using this wizard you can configure these options: <ul style="list-style-type: none">• Guides you through program setup• Easy configuration of your file associations
Settings	Open the applications configuration. To read more about this, move on to

the **Settings** chapter.



Hint: Use the hot keys to make working with Ashampoo Photo Commander 7 more comfortable.

9.7 Internet

This menu contains a list of Internet links with which you can buy or register the program and access Ashampoo's website and online support offers.

Buy / Register	Starts the free online registration procedure. You must register the program to be eligible for free updates when they become available! This option is only displayed after you have purchased the program and entered your full version key code. Only displayed in the shareware version. Connects you to the Ashampoo website and opens the page with which you can purchase the program.
Recommend program to a friend	Enables you to automatically recommend the program to a friend by e-mail. PROFIT FROM YOUR RECOMMENDATIONS: Recommend your favorite software and get presented a full version key! How to make it: In your personal customer area (under "recommendation") you choose one of your registered programs and simply recommend it to friends, relatives, neighbours, etc. With 9 confirmed recommendations you automatically receive your personal full version key for the recommended program.
Today's Special Offers	Connects you to the Ashampoo website and displays special offers and featured advertising links to products and services that users of Ashampoo programs may find useful or interesting.
Ashampoo Free Service Letter	Connects you to the Ashampoo website page at which you can subscribe to our free e-mail service letter with information about Ashampoo products, updates and special offers.
Ashampoo Homepage	Connects you to the Ashampoo website.
Ashampoo Products	Connects you to the product information page at Ashampoo's website.
Ashampoo Support	Connects you to the support page at Ashampoo's website.
Online Update	Connects you to the Ashampoo website page where you can check for online updates of the program.
Download Addons	Use this menu entry to easily download further additional addons to support even more formats.

The following AddOns are available:

-DDS Add-On 1.0

-CRW Add-On 1.1

-EXR Add-On 1.1

-FPX Add-On 1.0

-JBIG Add-On 1.0

**Translate *Ashampoo
Photo Commander 7***

Use this entry to find out more on how-to translate the application to your own language.

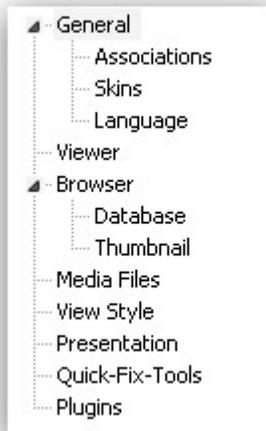
9.8 Help

Content	Opens this help file.
Buy / Register...	Displays the Ashampoo License Agreement dialog.
About this program	Displays the About Window. It contains the exact version number of the application, and shows if the Ashampoo Photo Commander 7 has been registered or is an evaluation version.

10 Settings

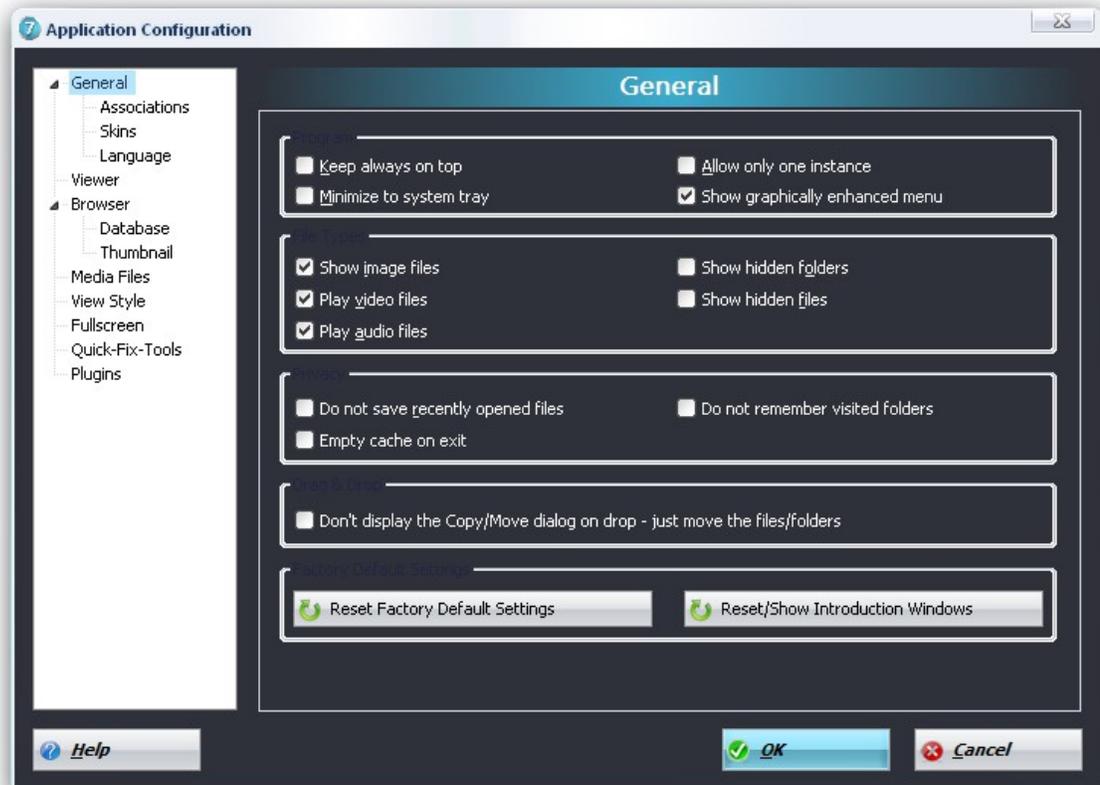
The *Ashampoo Photo Commander 7* can be configured in many different ways to best fit your needs. The Settings Dialog can be opened by clicking the "**Settings...**" entry in the Configuration menu.

The following screenshot shows the different tabs which may be configured using the settings dialog. In this chapter every tab of the settings dialog will be explained in detail so that you understand all the different options. Go ahead, just click on the Jump links in the screenshot to move on to the corresponding tab you would like to learn more about.



10.1 General

General Application Settings



Options:

- **Always on top:** Have the application window always shown on top of all other windows.
- **Allow only one instance:** When executing the *Ashampoo Photo Commander 7*, and an instance of the application is already running, the running instance will become active instead of creating a new instance.
- **Minimize to system tray:** When minimized the application icon is shown in the system tray.
- **Show graphically enhanced menu:** Use this option to en- or disable icon within the menus.
- **Show image files:** Enable/Disable display image files.
- **Play audio files:** Enable/Disable playing audio files.
- **Play video files:** Enable/Disable playing video files.
- **Show hidden files:** If enabled, hidden files and/or folders will be visible.
- **Show hidden folders:** If enabled, hidden files and/or folders will be visible
- **Do not save recently opened files:** If enabled, the *Ashampoo Photo Commander 7* will not remember the recently 20 opened files.
- **Do not save browsed folders list:** If enabled, the *Ashampoo Photo Commander 7* will not remember the most recently browsed folders.
- **Empty Cache on Exit:** Click Empty cache on exit if you don't want temporary files left on your hard drive.
- **Drag & Drop:** If enabled, the application will not show the Copy-/Move-Dialog for a fast file transfer.
- **Reset Factory Default Settings:** Resets all settings back to defaults.
- **Reset/show Introduction Windows:** Lets all Introduction reappear.

10.2 Associations

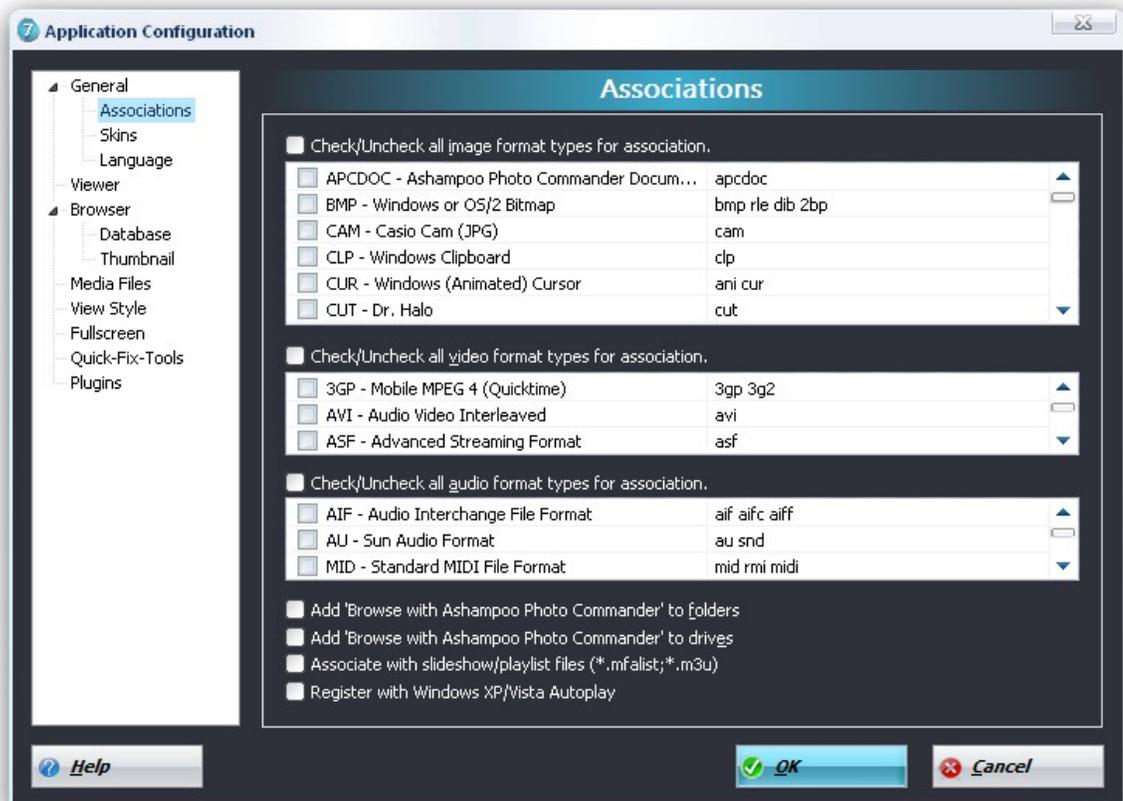
Associating file types

Here you can check or uncheck the supported file types if you wish that they are directly opened by the *Ashampoo Photo Commander 7*, when you double click on them in the Windows Explorer.



Note: Press the "OK" button to confirm changes that you might have made in Associations tab.

Note: Using the options at the bottom of this dialog will make it easier to work with the **Ashampoo Photo Commander 7** from within the Windows XP operating system.

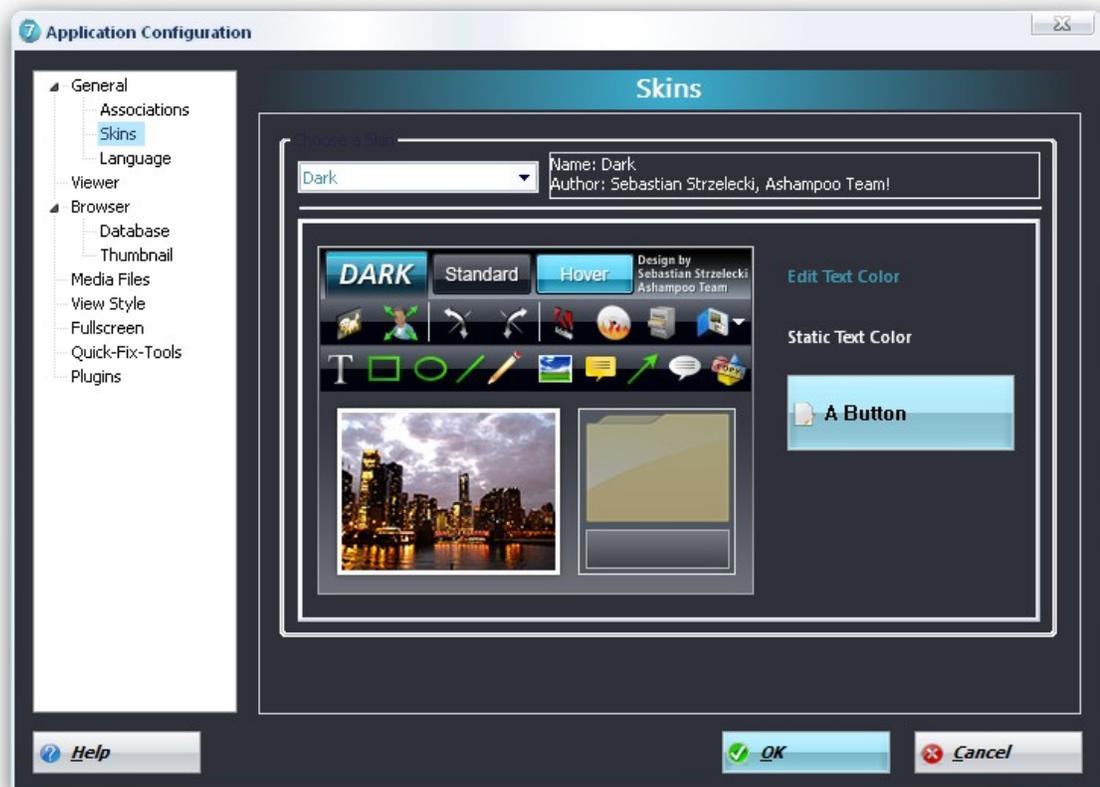


Note: Whenever you open this configuration window, the **Ashampoo Photo Commander 7** scans the system to know whether it is already associated with the supported file types and automatically checks/uncheck's the appropriate item during initialization.

10.3 Skin

Choose an available Skin

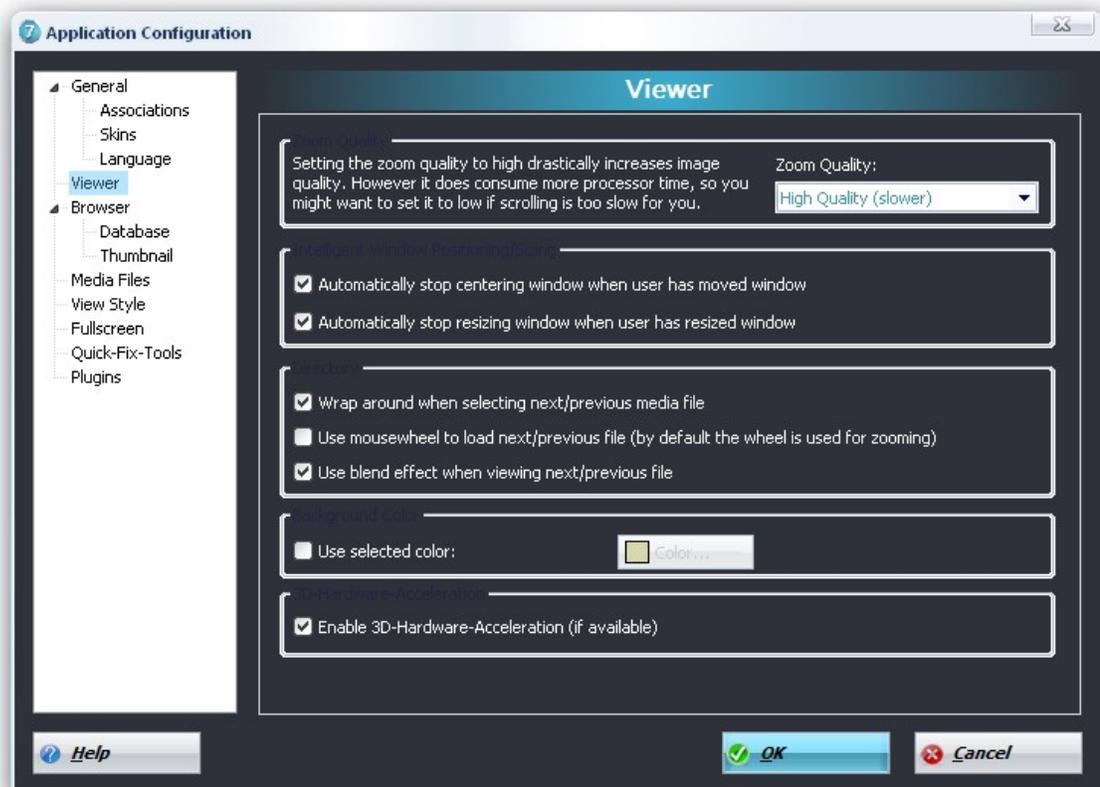
The **Ashampoo Photo Commander 7** has support for basic skinning. A skin contains all small graphics used to display images in the different toolbar's and controls the size of each of them. The combo box on top left lists all available skins that were found in the Application's Skin Directory. After you choose a skin, all different toolbar's that are part of the skins will be shown in small previews, as you can see on the screenshot to the left. The **Ashampoo Photo Commander 7** default installation installs various different skins.



10.4 Language

Configure Language

Use the language dialog to select the language of your choice within **Ashampoo Photo Commander 7**.

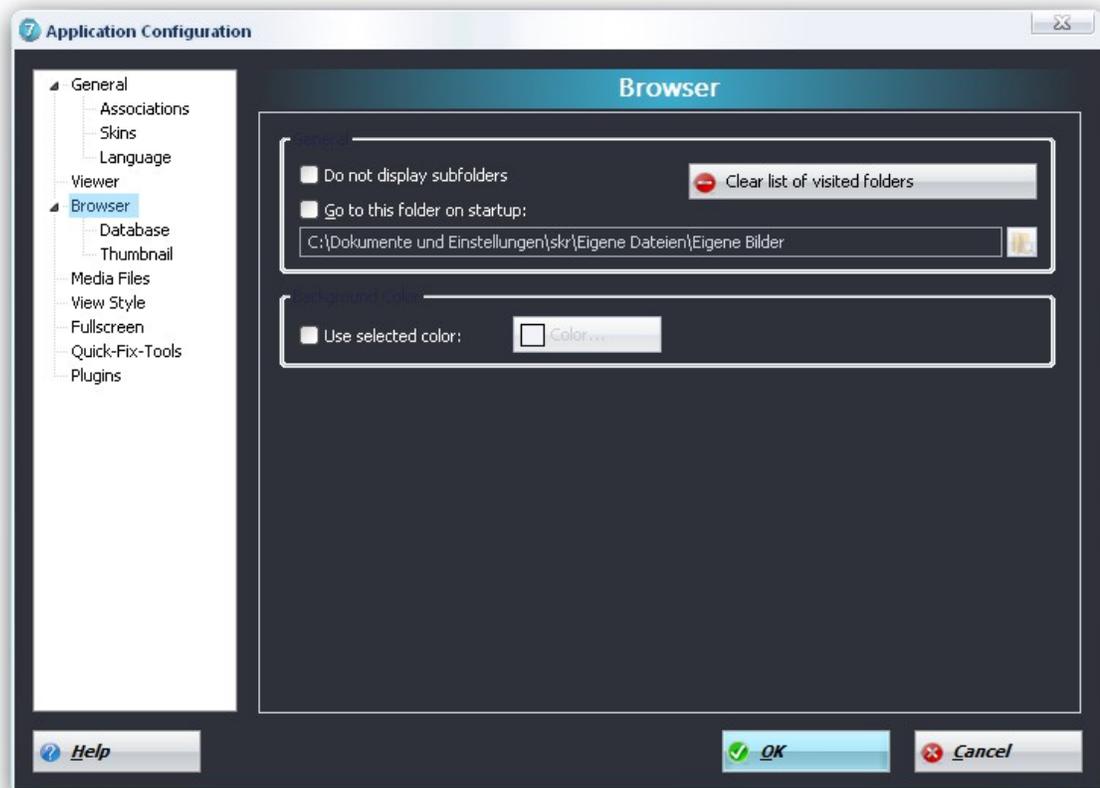


Options:

- **Zoom Quality:** Setting the Zoom Quality to high drastically increases image quality. However it does consume more CPU time, so you might want to set it to low if scrolling and/or zooming is too slow for you.
- **Intelligent Window Positioning/Sizing:** By default the *Ashampoo Photo Commander 7* resizes the Application Window to fit around the displayed media file and centers the application Window on the Desktop. If enabled, the *Ashampoo Photo Commander 7* will remember if you move or resize the Application window, and, when loading another media file, will not resize/center the application window anymore.
- **Directory:** If disabled, the Next/Previous buttons will stop to work when the first/last media file in the current directory is reached.
- **Background Color:** Choose the background color for the viewer.
- **Hardware-Acceleration:** This option helps to speed up the performance of *Ashampoo Photo Commander 7*. Animations and thumbnail generation will be much smoother if your system supports the hardware-acceleration.

10.6 Browser

Configuring the Browser



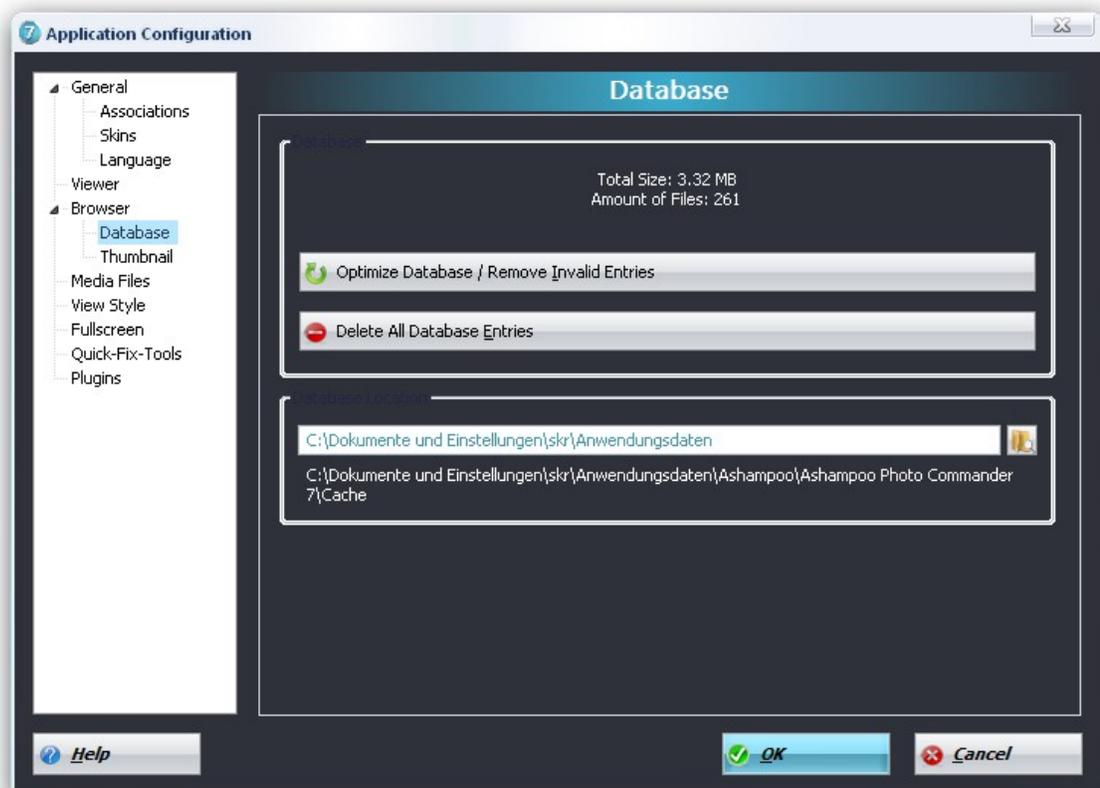
Options:

- **Do not display subfolders:** If enabled, the Content View will not display any subfolders the browsed folder might contain.
- **Go to this folder on startup:** Specify a folder to always be used when starting the application without parameter into Browser Mode.
- **Clear list of browsed folders:** This button is only enabled if the Browser Mode is currently active. Clicking this button will delete the list of recently browsed directories.
- **Background Color:** Choose a background color for the preview area in Browser Mode.

10.7 Database

Configure Database

In the database maintenance tab, folders from where you have opened media files with the **Ashampoo Photo Commander 7** are saved automatically. You may organise the folder list database using the following options.

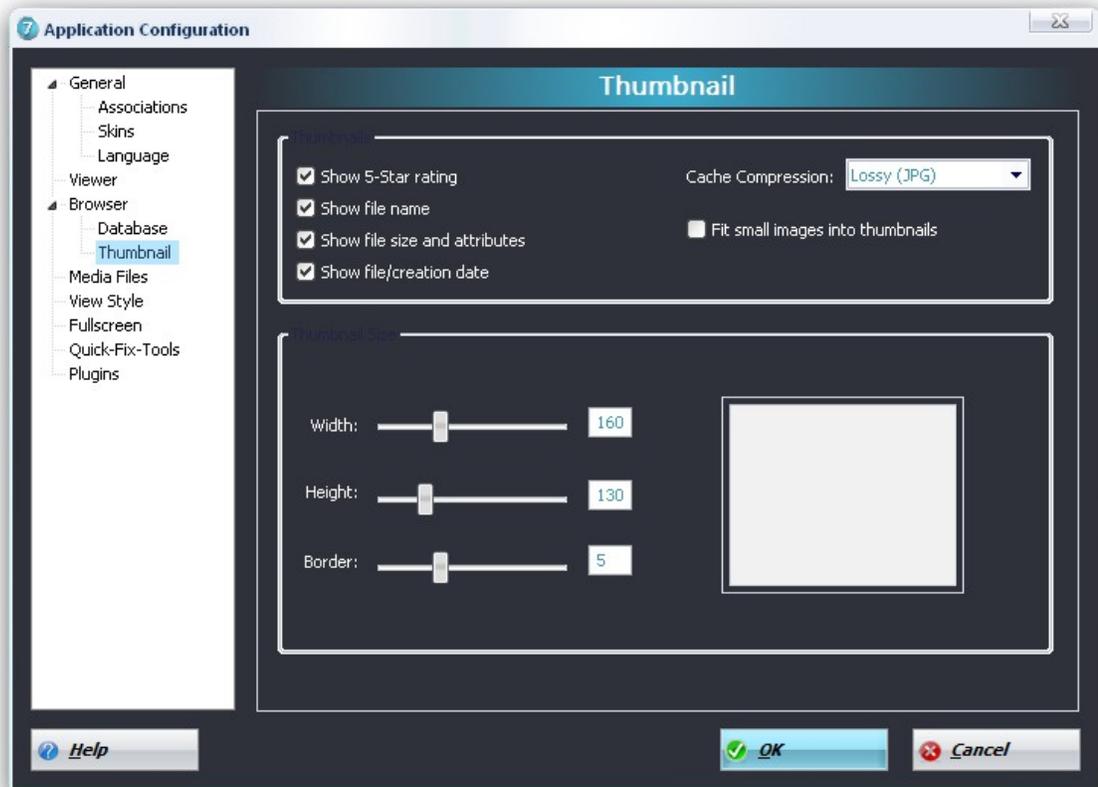


Options:

- **Delete selected Folders:** Deletes the currently selected folders from the list.
- **Delete all Folders:** Deletes the complete folder list.
- **Remove invalid Folders:** Removes folders that are no longer available on your hard drive

10.8 Thumbnail

Configuring the Thumbnails

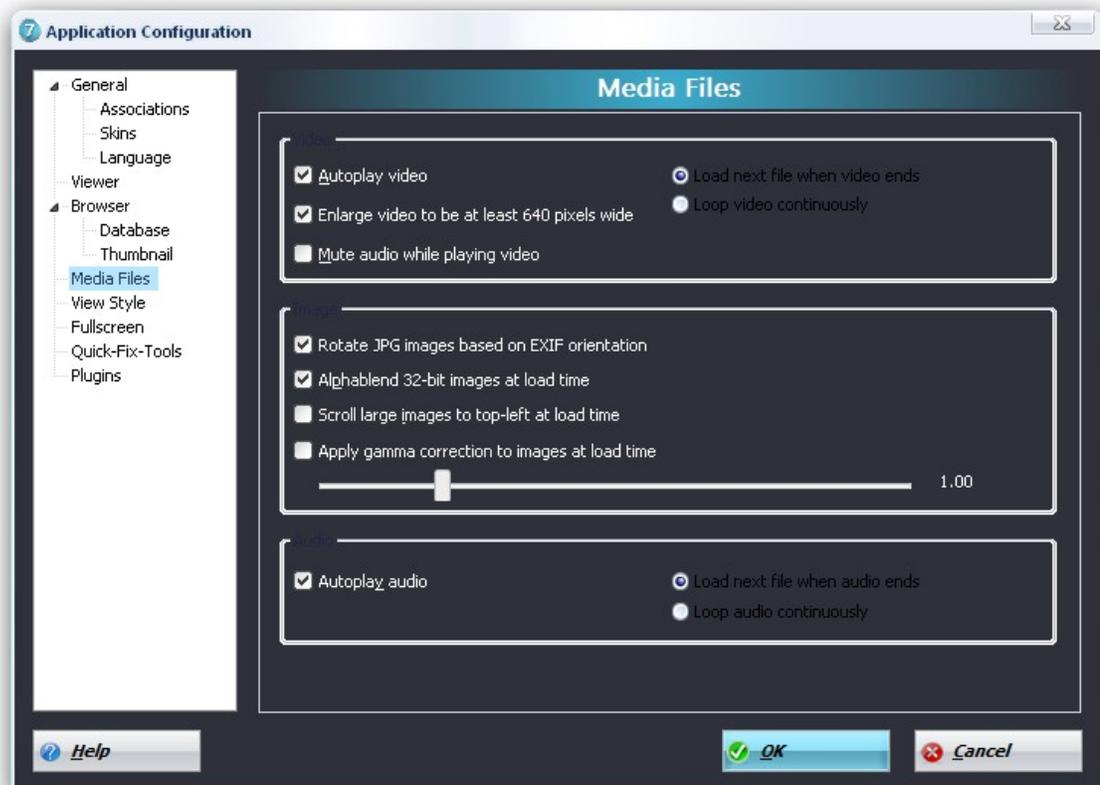


Options:

- **Fit small images into thumbnail:** If enabled, the Content View will enlarge too small images to fit into the thumbnail.
- **Cache Compression:** The Data Cache mechanism is always enabled, but one can choose between no compression or JPG compression for the Thumbnails. JPG does require way less disk space at the loss of some image quality. No compression gives 100% image quality, but can result in very big cache files (when viewing many files) which in turn can cause slow-downs during browsing.
- **Thumbnail size:** Configure the width, height and border of the thumbnail with the help of the instant preview to the right.
- **Show 5-Star rating / file name / files size and attributes /creation date:** Check / uncheck these boxes to display / hide this information.

10.9 Mediafiles

Audio/Video/Image specific settings



Options:

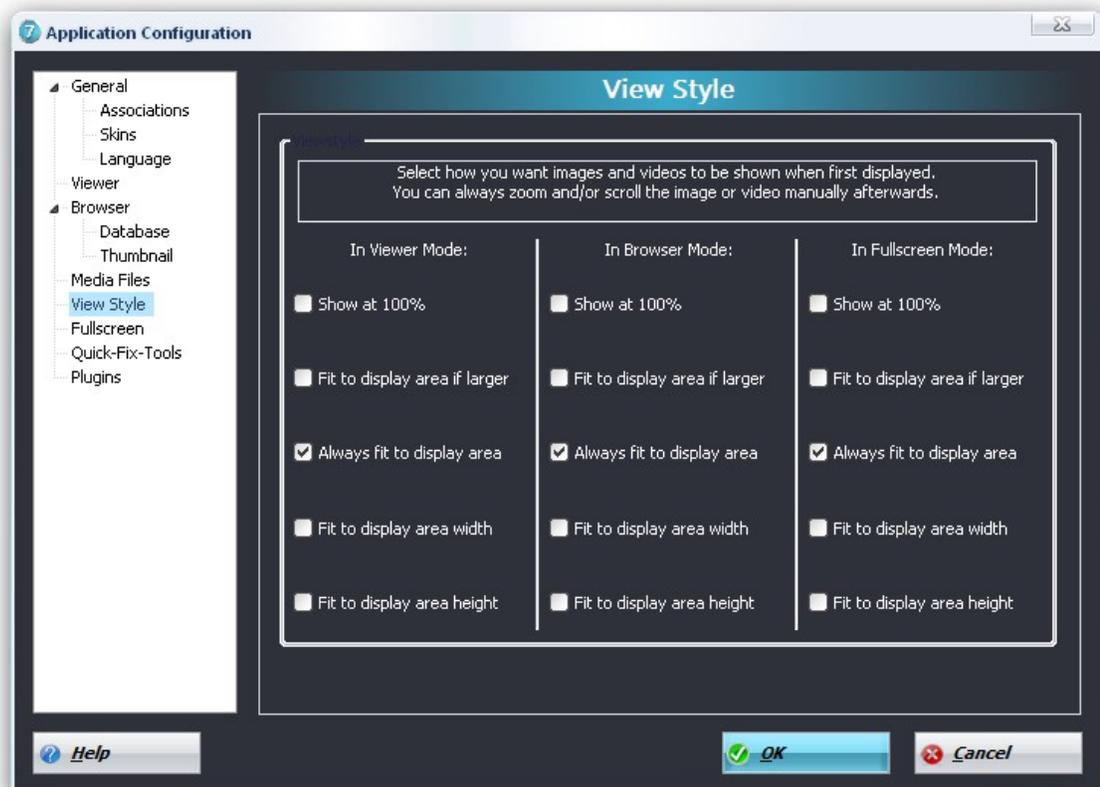
- **Autoplay video:** If enabled, video files will start to play after loading.
- **Enlarge video to be at least 640 Pixel wide:** If enabled, any video file which width is smaller than 640 Pixels will be zoomed in until the width reaches 640Pixels.
- **Mute audio while playing video:** If enabled, video files will initially suppress any existing audio stream.
- **Load next file when video ends:** If enabled, the playing video file will be resumed by the next video file in the selected folder.
- **Loop video continuously:** If enabled, the playing video file will start again from the beginning if it reached the end.
- **Alphablend 32Bit Images at load time:** When loading a 32bit image file that

has a valid alpha channel the image will be alpha blended onto the applications background automatically.

- **Scroll big Images to top-left at load time:** If enabled, images greater than the display window will be scrolled to the top-left point instead of showing them centered at load time.
- **Apply gamma correction to Images at load time:** If enabled, the specified Gamma Correction will be applied to all image files during load time.
- **Autoplay Audio:** If enabled, audio files will start to play after loading.
- **Load next media file:** Choose an option on what to do, when an audio file is in use.
- **Loop Audio continuously:** Choose an option on what to do, when an audio file is in use.

10.10 Viewstyle

View style Configuration



Select the way you want your image/video files to be shown when displaying it for the first time. For every Program Mode you can configure this separately choosing one of the five available view style options.

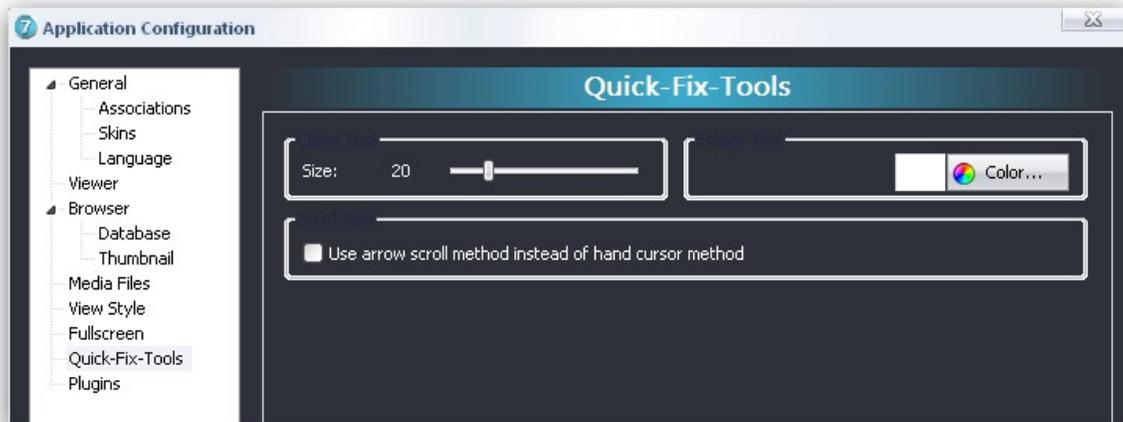
Options:

- **Show at 100%:** The image/video file will be shown in it's original size.
- **Fit to Display Area if Greater:** The image/video will be shrunk to fit into the Display Area only if it is greater in it's original size.
- **Fit to Display Area Always:** The image/video will always be shrunk/enlarged to best fit into the Display Area.
- **Fit to Display Area Width:** The image/video will be shrunk/enlarged so that the width of the image/video is the same as the width of the Display Area.
- **Fit to Display Area Height:** The image/video will be shrunk/enlarged so that the height of the image/video is the same as the height of the Display Area.



Hint: Use the hot keys to make working with Ashampoo Photo Commander 7 more comfortable.

10.11 Quick Fix Tools



Clone Tool

With this option you can adjust the size of the clone tool. The standard size is set to 20 (pixel).

Eraser Tool

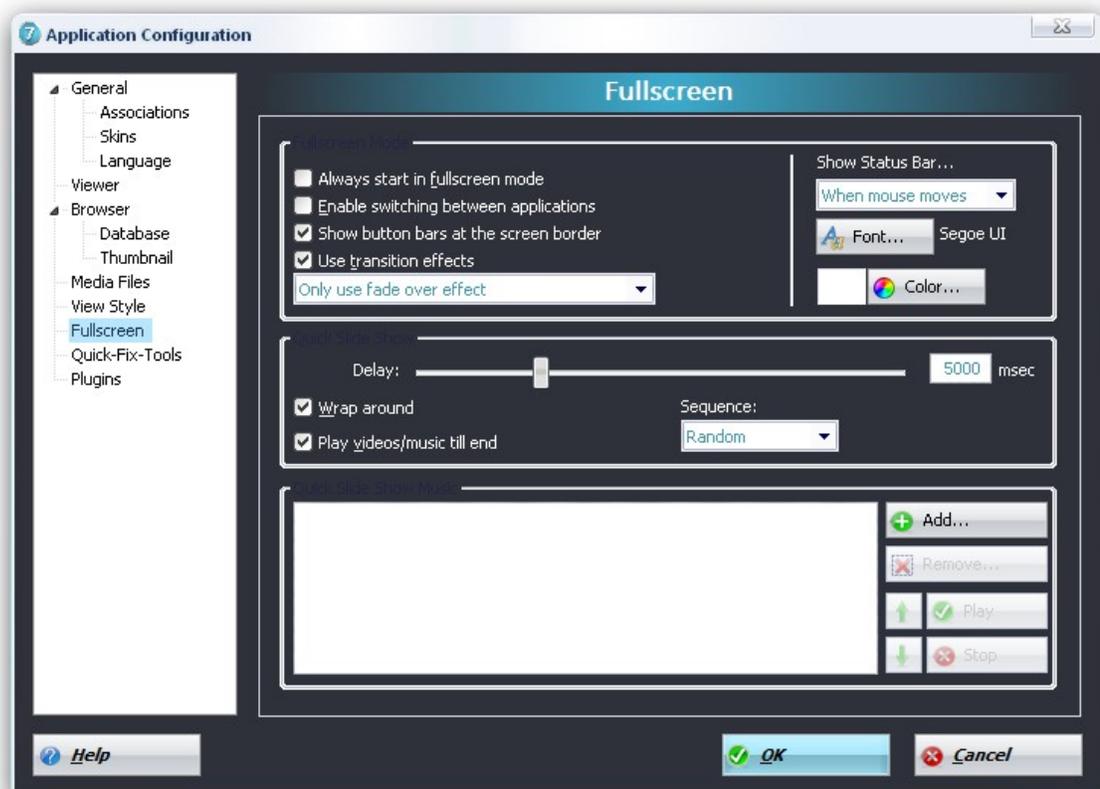
The Eraser normally deletes erroneous parts of a picture by replacing them with plain white. Just click at **Color** to chose another color to be used instead.

Scroll Tool

To navigate within a bigger picture typically a kind of hand appears to pull the graphic into the right position. As an alternative, there is also an arrow which floats across the picture to do the same thing.

10.12 Fullscreen

Configure the Fullscreen Mode



Options:

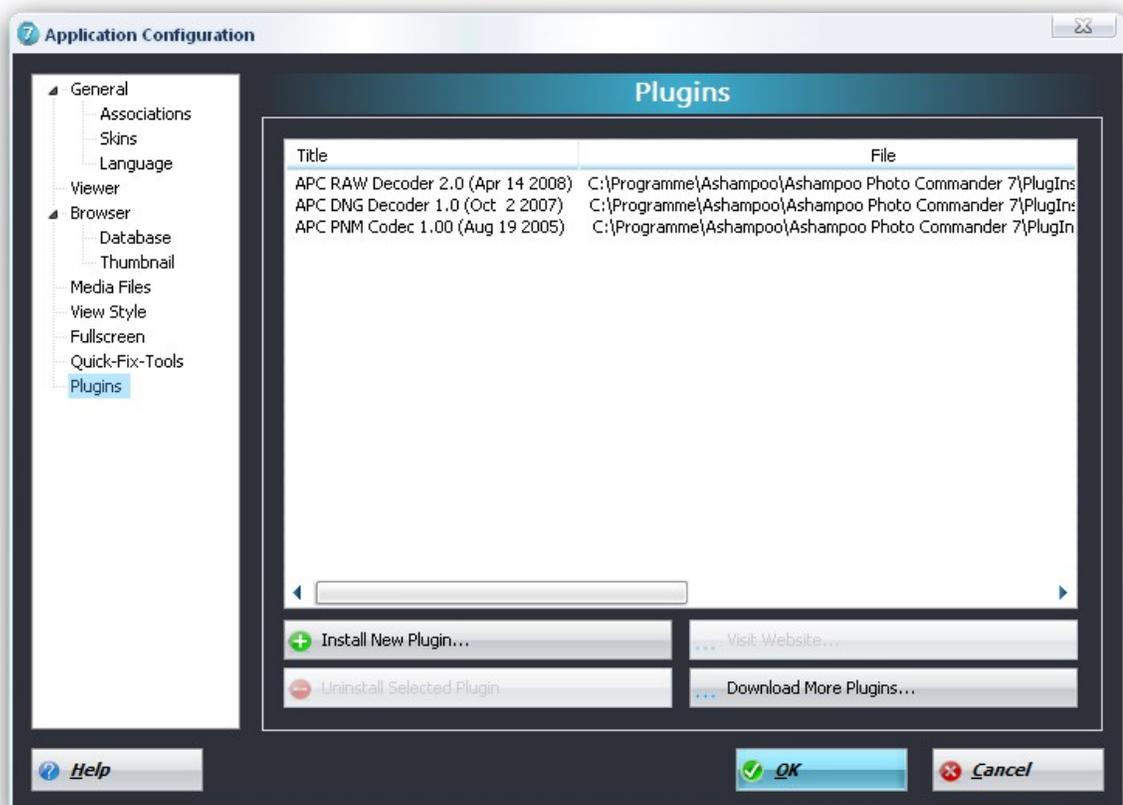
- Always start in Fullscreen Mode:** If enabled, the *Ashampoo Photo Commander 7* will skip the Viewer Mode in favor of the Fullscreen Mode when loading a media file.
- Enable switching between Applications:** If enabled, the Fullscreen Mode is not exclusive and enables one to switch to other applications during a presentation.
- Use Transition Effects:** If enabled, the *Ashampoo Photo Commander 7* will use transition effects when displaying image/video files in Fullscreen Mode.
- All supported Effects:** The *Ashampoo Photo Commander 7* will randomly select one of the different Transition Effects.
- All but fade over Effect:** The fade over effect is very CPU intensive. If it is too slow on your computer, use this option to let the *Ashampoo Photo Commander 7* choose among the other different transition effects.
- Only the fade over Effect:** The *Ashampoo Photo Commander 7* will only use the fade over transition effect.
- Show Status Bar... :** Choose if the Status Bar should be displayed. And if displayed, how it should disappear using the font and color options.
- Slideshow Delay:** Set the time to wait in milliseconds before displaying the next

media file when playing a slideshow.

- **Slideshow Wrap Around:** If enabled, the slideshow will not stop when reaching the first/last media file in the list.
- **Slideshow Direction:** Decide how the next media file in a slideshow shall be retrieved.

10.13 Plugins

Configure Plugins



Within the Plugins setting tab you can install and remove plugins. To see all available plugins move on to the Plugins webpage of **Ashampoo Photo Commander 7**. To install a Plugin, simply extract the Plugin into the PlugIns subfolder of the installation folder (with the default installation path this would be: "C:\Program Files\Ashampoo\Ashampoo Photo Commander 5\PlugIns").

- The Plugin Manager allows easy installation and removal of plugins
- Plugins can encode, decode or both depending on the codec functions of the plugin.

Further information for developing new plugins can be found on the **Ashampoo Photo Commander 7** website. A SDK(Software Development Kit) is now available so that all programmers can create their own plugins for

Ashampoo Photo Commander 7 to support additional file formats. Several free plugins are already available, including plugins for the Canon RAW (.CRW), Industrial Light & Magic HDR (.EXR) and Kodak Flashpix (.FPX) formats.

11 Tools / Assistants

The **Ashampoo Photo Commander 7** offers a variety of assistants and tools to process media files from your computer. The following list shows you a list of the possible tasks the **Ashampoo Photo Commander 7** can perform for you. Use the Jump links to move on to the chapter you would like to know more about. The assistant guides you step by step to the preferred result.

-  • [Convert Images](#)
-  • [Rename files](#)
-  • [Create Web Photo Album](#)
-  • [Create Calendar](#)
-  • [Create Collage](#)
-  • [Find Specific Duplicates](#)
-  • [Automatically Find Duplicates](#)
-  • [Photo-Mix](#)
-  • [Print Images in a Batch](#)
-  • [Print in a Thumbnail Sheet](#)
-  • [Print multiple photos on a single Sheet](#)

- ➔ • [Create slideshow on CD/DVD](#)
- ➔ • [Burn Images to CD or DVD](#)
- ➔ • [JPG Rotation](#)
- ➔ • [JPG Optimizer](#)
- ➔ • [JPG Comment](#)
- ➔ • [Screen Capture](#)
- ➔ • [Set image as Wallpaper](#)

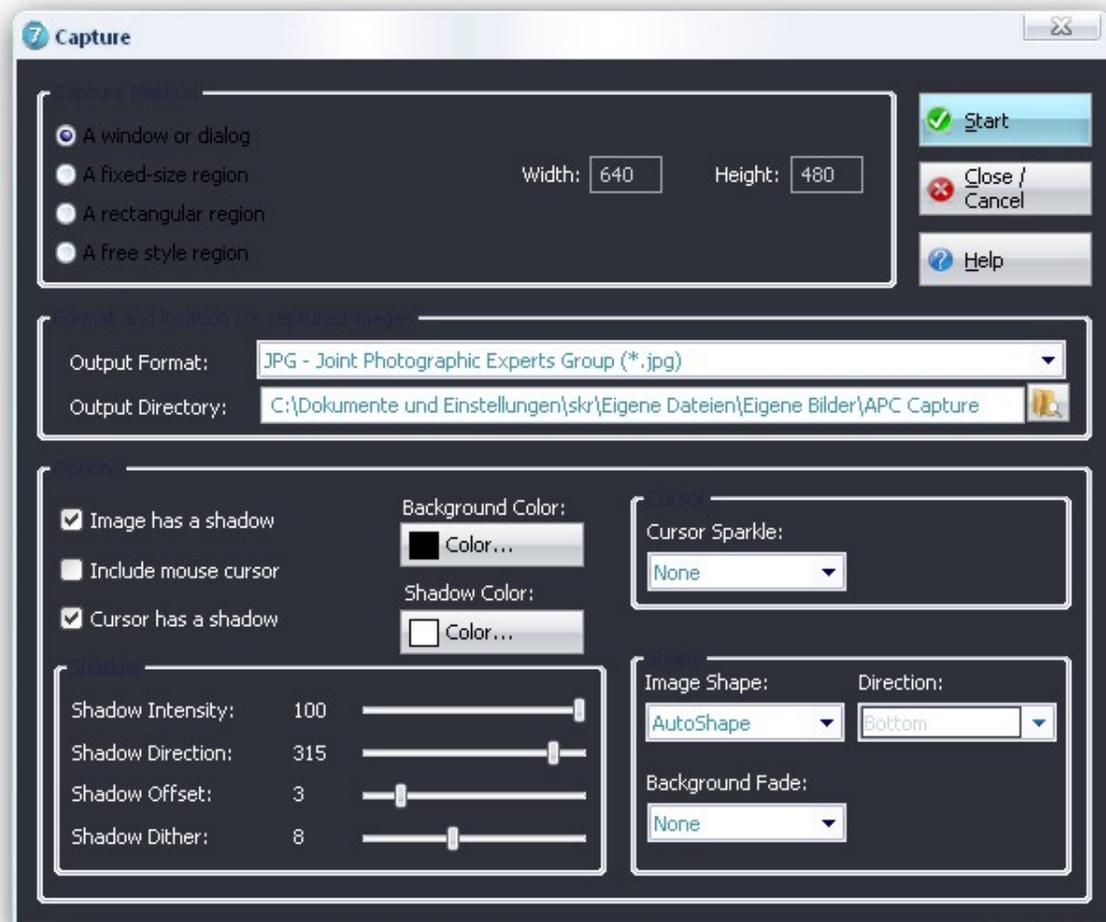


Hint: Use the **hot keys** to make working with **Ashampoo Photo Commander 7** more comfortable.

11.1 Capture screen

Capture screen

The **Ashampoo Photo Commander 7** can be used to capture the content of your screen or a specified window. The Capture Screen tool can be found in the applications **Tools menu**.



Capture Type

Here you can choose which areas you want to capture. You can select 3 different types. A single window, a predefined area where you can set the exact width and height and a user defined area.

Capture Methods

If enabled, after clicking the Ok button the application will minimize. To capture the screen you have to press Shift+F11 (which is then a global hot key) to save the content of the screen in the specified format into the specified directory or just press the start-button. You have two option: Capture a single screen or capture one by one.

Output Options

Here you can define the image format such as the output directory.

Options

Automatically add/drop shadows to captured image and mouse cursor and select your preferred background color.

Shadow

Here you are able to configure the shadow rounding your captured image. You can set the Color, Intensity, Direction, Offset and Dither.

Zoom

Here you can define the Zoom-Factor from 10 to 400 percent. Additionally you can set a filter for best results.

Cursor

You can choose whether the cursor should be visible and set the type of sparkle.

Shape

Here you can define the rectangle such as the image fader.

11.2 Import / Scan

Scanning an image from any TWAIN compatible device

The *Ashampoo Photo Commander 7* can acquire images from any device that supports the common TWAIN interface. Most scanners, digital cameras and webcams support this interface and can be used without problems. To start the Acquire, issue the Acquire Image command from the applications file menu.

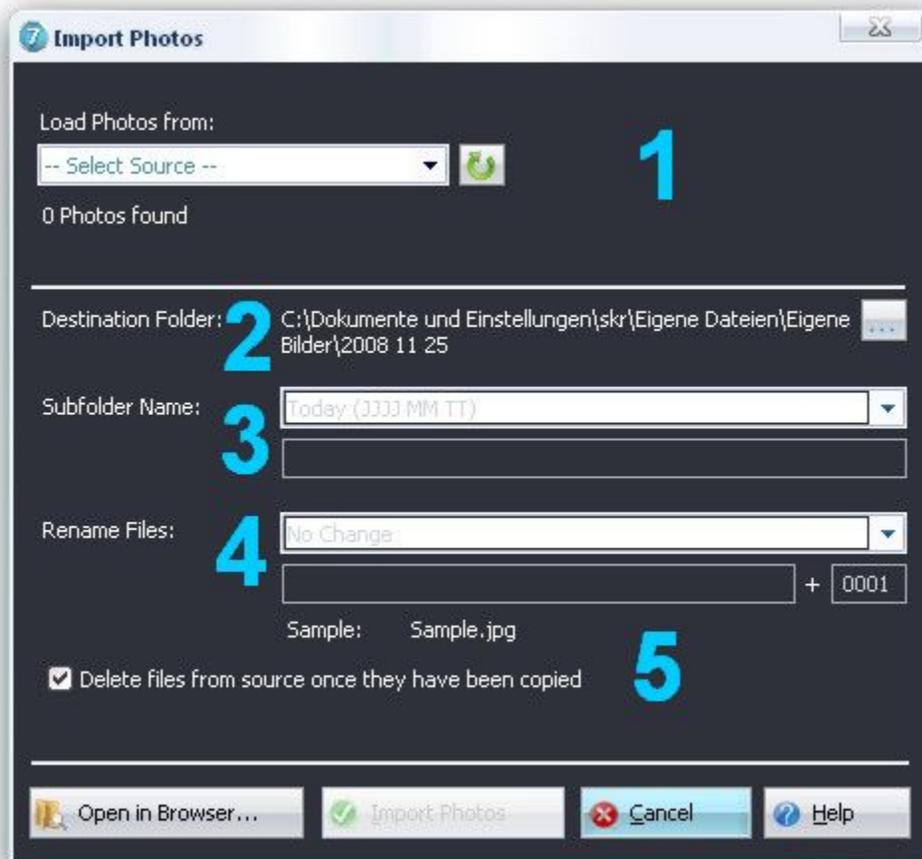
The Acquire Dialog



A dialog window similar to the one shown above with list all TWAIN compatible devices available on your system will appear. Select the device you want to acquire an image from and press the choose button. Afterwards another device specific dialog window will appear allowing you to set specific options and/or commands. However those can not be shown here, as the appearance and functionality depends on the device you are acquiring from and is beyond the scope of the *Ashampoo Photo Commander 7*.

Import Photos

If you want to import pictures (e.g. from a digital camera) *Ashampoo Photo Commander 7* offers the perfect way to do it. Just enter the file menu and choose the **Import / Scan** button. A menu appears which offers some useful features for a problem-free import.



- 1 Choose a **source** (e.g. a digital camera or a card reader) to import from.
- 2 Select the **destination folder** at your system.
- 3 Do you want to create a **subfolder** of the destination folder to keep track of your pictures? Click here to create a new folder with a significant title!
- 4 Digital cameras sometimes tend to label pictures rather cryptically. The **Rename Files** function offers the opportunity to solve this problem. Click at the dropdown list and choose the right option. Type in the new name and **Ashampoo Photo Commander 7** will rename and number it consecutively.
- 5 The pictures at the cam are usually dispensable after the import process. They just waste precious disk space, don't they? If you want the picture **to remain** at the cam please **remove the mark** of this checkbox!

11.3 Wallpaper

The **Ashampoo Photo Commander 7** converts images into wallpaper files. Just select a image, and your image is instantly applied as the Windows® desktop background. This makes it easy to distribute an image to users who may not otherwise understand how to install or delete a wallpaper. You can optionally set following wallpaper positions:

- **Fit to Screen**
- **Centered**
- **Tiled**
- **Stretched**

11.4 Resize image

Resize image

Resizing an image is simple within **Ashampoo Photo Commander 7** . As you can see in the dialog below you can resize the image in either pixel, percent, centimeters or inch metrics systems. Furthermore you have the ability to maintain the aspect ratio using the Lock ratio option. Within the Resizing Filter selection drop down box you can select the conversion algorithms which is used for the resizing.

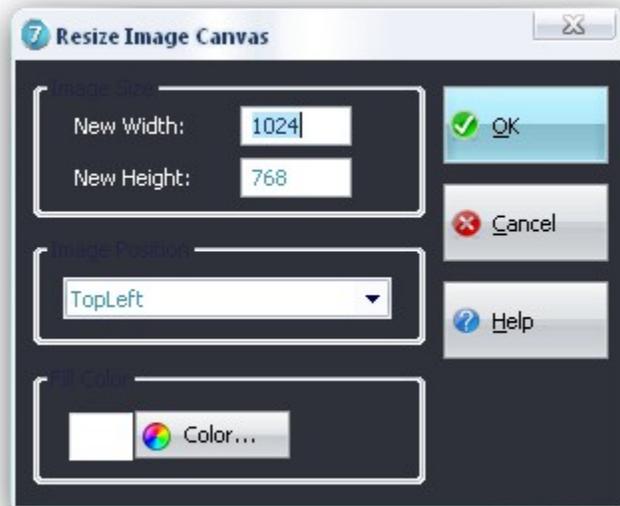


11.5 Resize canvas

Resize canvas

This Resize Canvas-tool changes the canvas size of an image or stack without scaling the actual image. The width and height may be either expanded or contracted. If the canvas size is increased, then the border is filled with the current fill color. To change the background color, use the choose color button at the bottom of the dialog. The position of the old image within the new canvas may also be specified using the image position drop down box.

Resizing the canvas of an image is also simple within **Ashampoo Photo Commander 7**. You can find the resize canvas tool within the File Menu of the application. As you can see in the dialog below you can resize the canvas in either pixel. Furthermore you have the ability to define the image position using the appropriate drop down selection box. The following positioning options are possible while resizing the canvas of an image. (TopLeft, TopCenter, TopRight, LeftCenter, Center, RightCenter, BottomLeft, BottomCenter, Bottomright.) The color picker below is used to define the fill color.

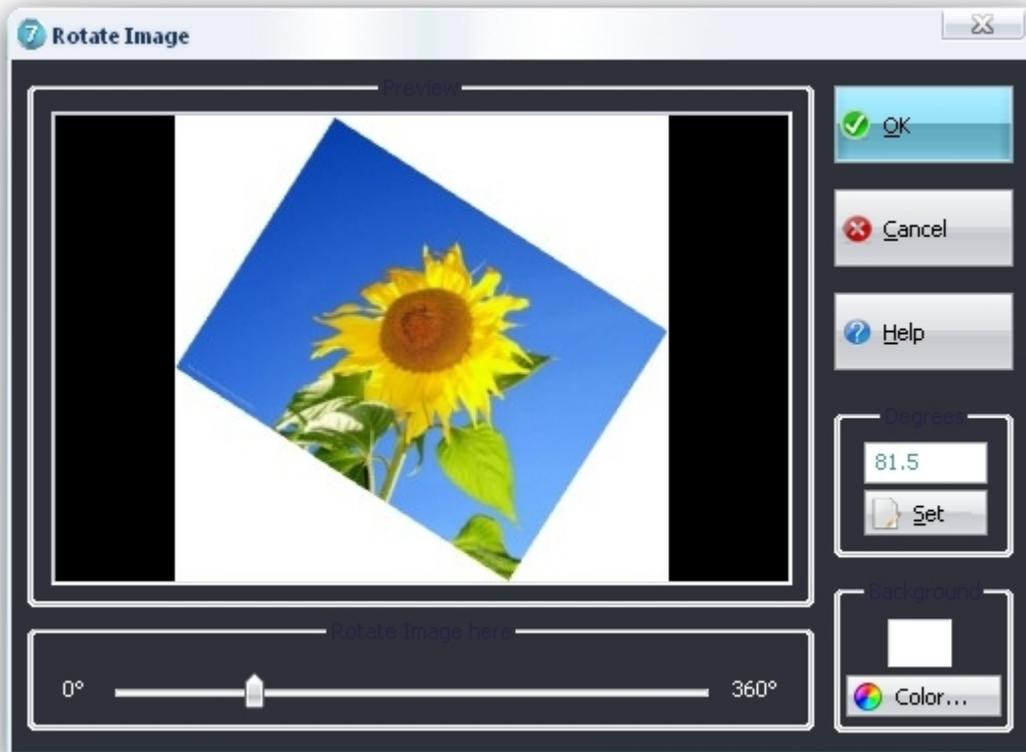


11.6 Rotate by any angle

Rotate image tool

Rotate images without altering the image file, safely and lossless up to 360°. **Ashampoo Photo Commander 7** allows you to rotate any image by simply sliding the mouse! Just select the image file name in the list, choose a background color and slide the degree-bar. Furthermore use the color picker

below to define the fill color.



11.7 DPI adjust

DPI adjust

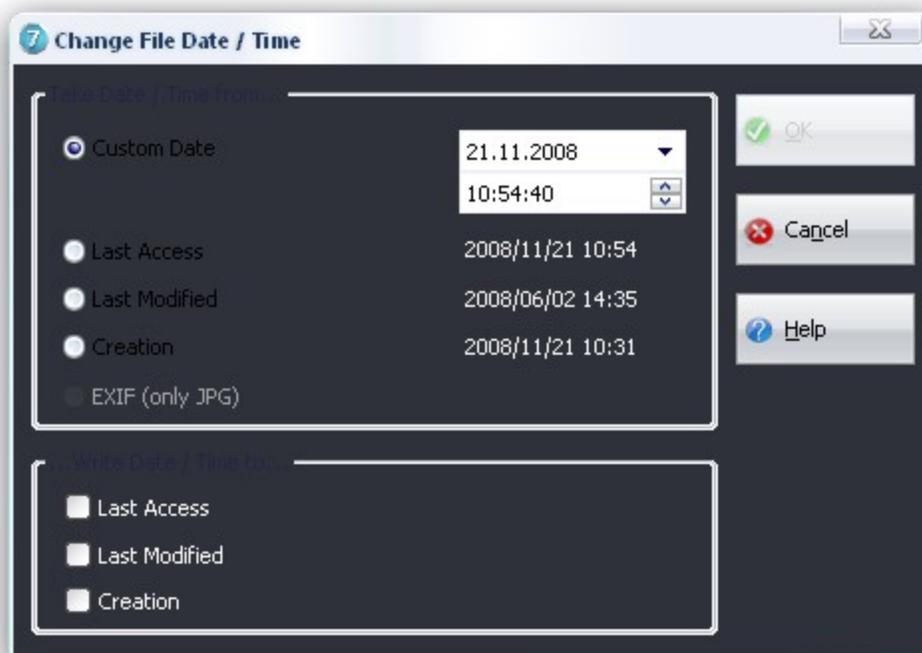
If you would like to adjust the **DPI (Dots per inch)** values of an image this can be done using the **Change DPI** entry of the **file menu** of *Ashampoo Photo Commander 7*. Use the X- and Y- axes DPI adjustment fields shown in the dialog below to apply numeric changes according to your needs. For additional information see the resulting size on printer field.



11.8 Adjust file date

Change and adjust file date

In the screenshot below you see the change file date/ time dialog. Using this tool enables you to change the file date of any file according to your needs. As you can see you have numerous options to specify the file date.



Take time/date from Options

- **Custom Date:** Allows you to customize the time stamp manually for file using the fields to the right of the option.
- **Last access:** Allows you to set the time stamp according to the last time it was accessed.
- **Creation:** Allows you to set the time stamp according to the creation time.
- **EXIF(only jpg):** Uses the time stamp from digital camera the EXIF info contains.

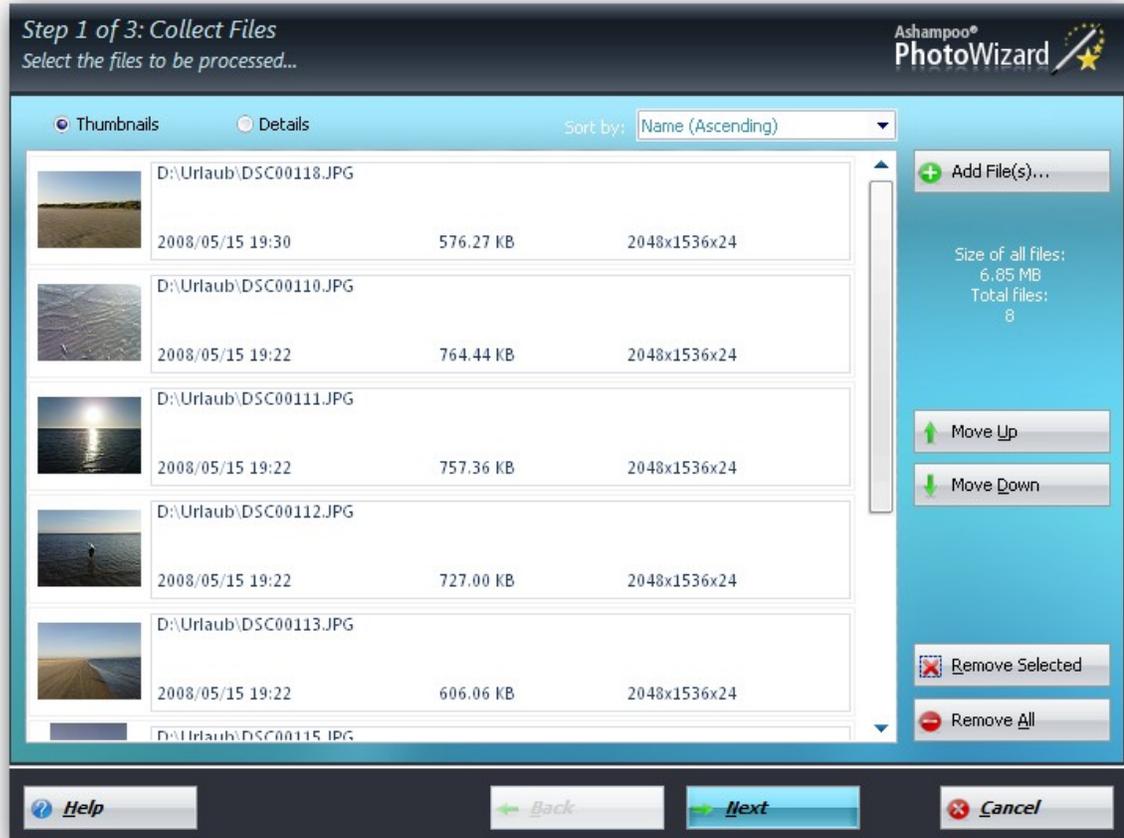
Write Date/time to Options

- **Last access:** This option will write the time information chosen in the Take time/date from Options to the last access meta-information of the file.
- **Last modified:** This option will write the time information chosen in the Take time/date from Options to the last modified meta-information of the file.
- **Creation:** This option will write the time information chosen in the Take time/date from Options to the creation meta-information of the file. .

11.9 Adding files within a wizard

Within all wizards and assistants of *Ashampoo Photo Commander 7* files are added as shown below.

Add files (Step1)



General Options

- **Add Files:** Add/Remove files to/from the list of files that should be sent.
- **Move Up/Down:** is used to select in which order files should be processed.
- **Remove selected:** Removes the all selected files from the processing list.
- **Remove all:** Clears the list completely.

11.10 Print multiple pictures on a sheet

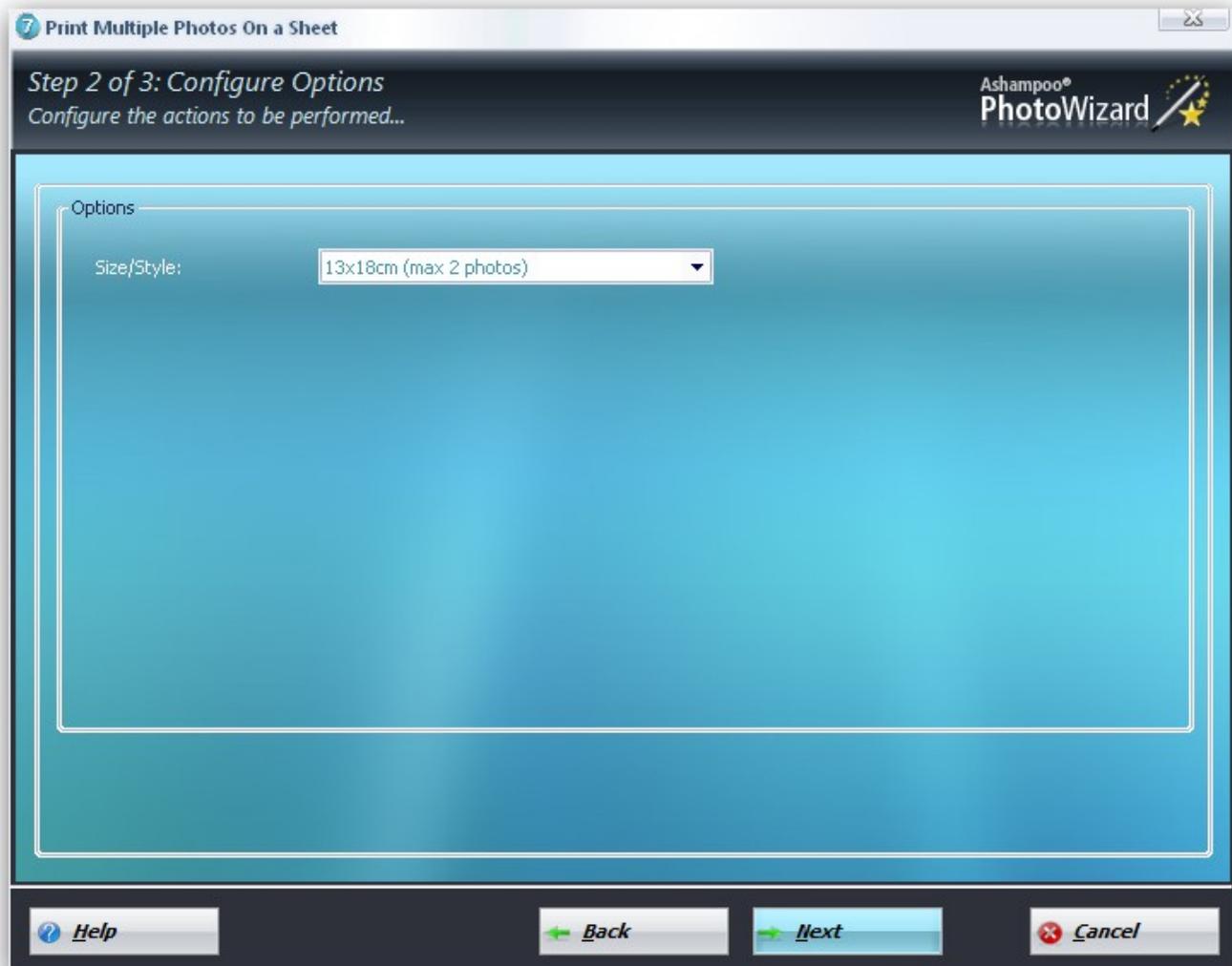
Add files (Step1)



General Options

- **Add Files:** Add/Remove files to/from the list of files that should be sent.
- **Move Up/Down:** is used to select in which order files should be processed.
- **Remove selected:** Removes the all selected files from the processing list.
- **Remove all:** Clears the list completely.

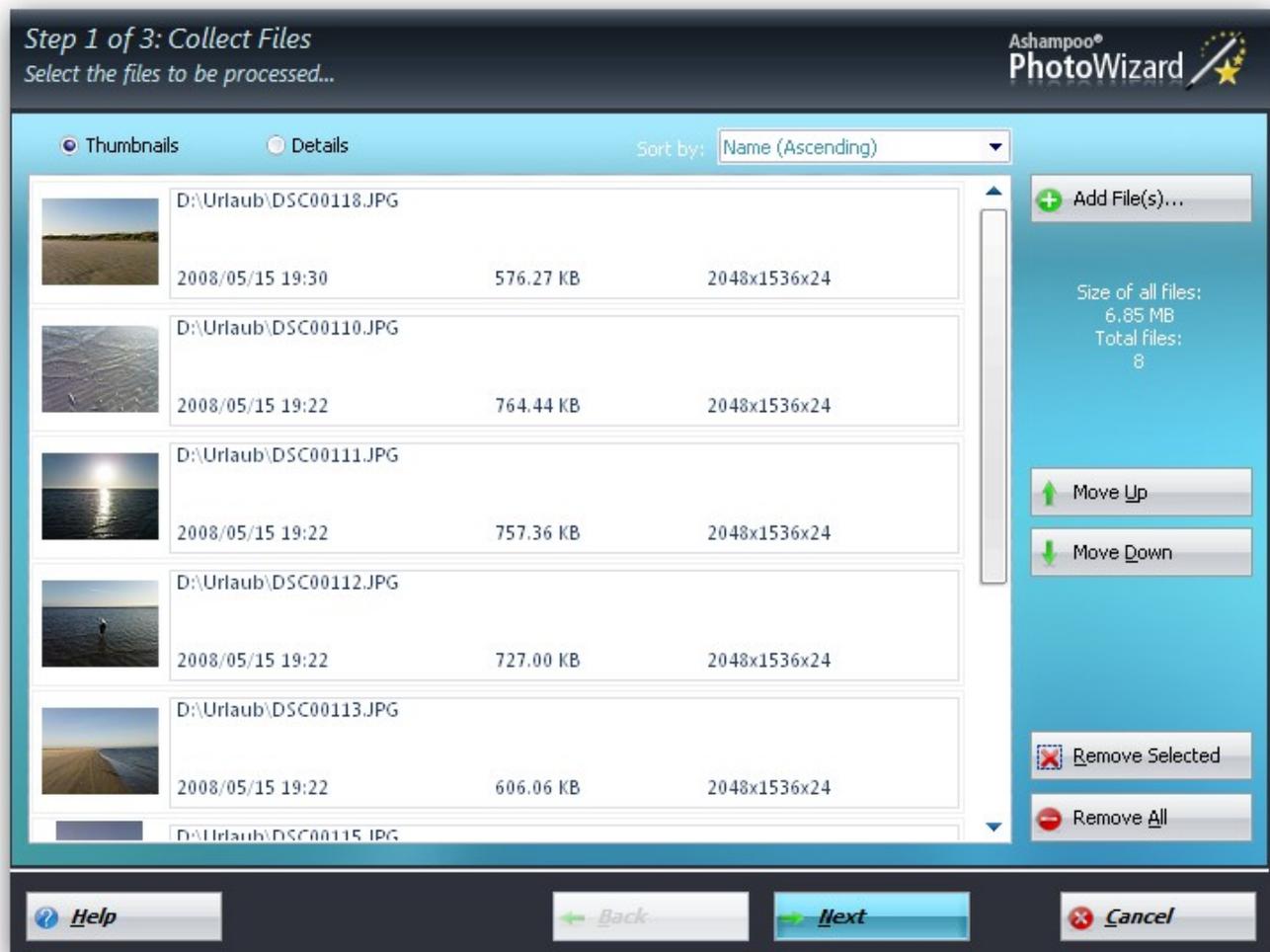
Set Options (Step2)



Just choose the size / style in which your picture will be printed. There are four formats (13x18, 10x15, 9x13 and 5x8). The size of your picture will determine the number of pictures which can be printed on one sheet, of course.

11.11 Redate Files

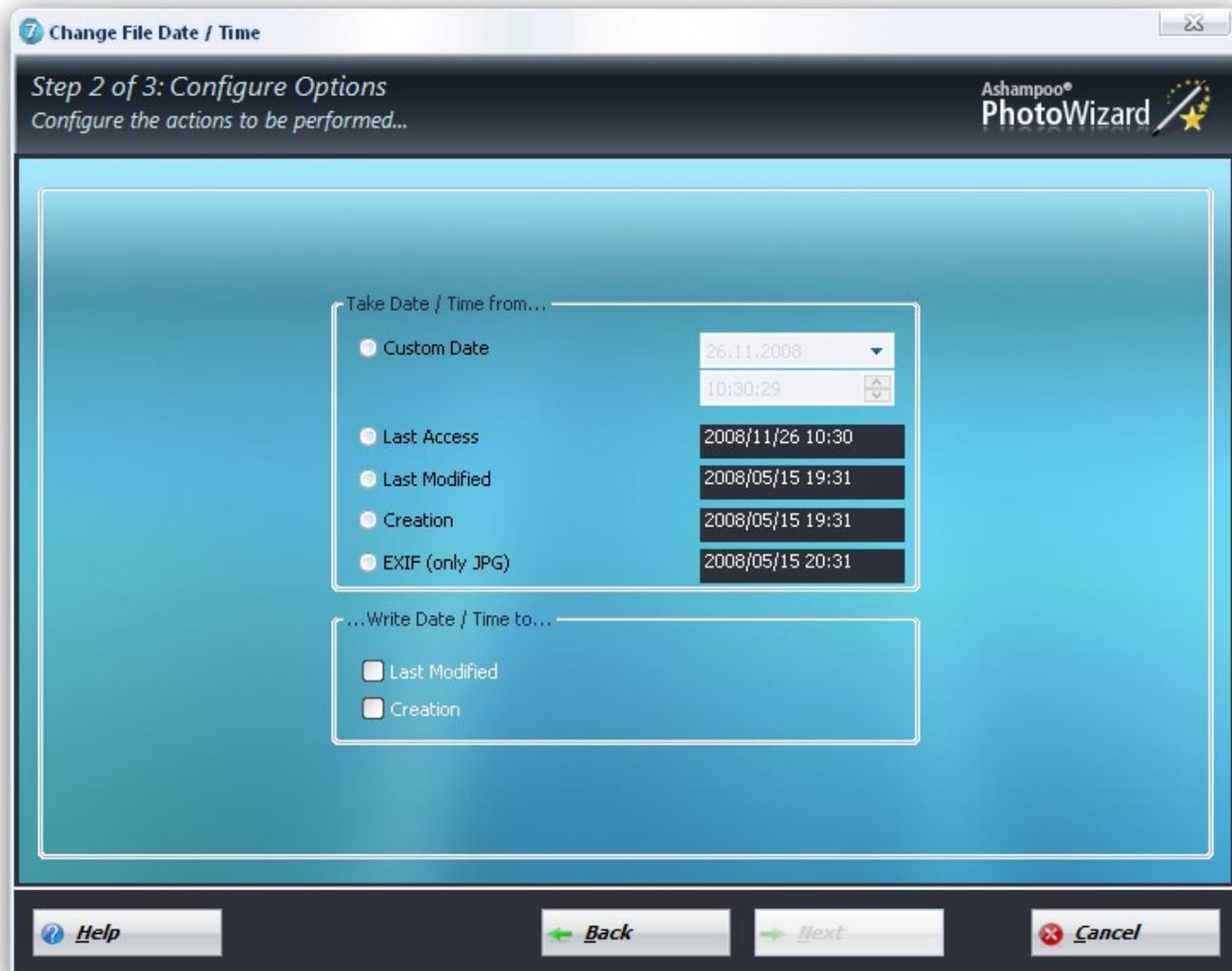
Add files (Step1)



General Options

- **Add Files:** Add/Remove files to/from the list of files that should be sent.
- **Move Up/Down:** is used to select in which order files should be processed.
- **Remove selected:** Removes the all selected files from the processing list.
- **Remove all:** Clears the list completely.

Set Options (Step2)



Take time/date from Options

- **Custom Date:** Allows you to customize the time stamp manually for file using the fields to the right of the option.
- **Last access:** Allows you to set the time stamp according to the last time it was accessed.
- **Creation:** Allows you to set the time stamp according to the creation time.
- **EXIF(only jpg):** Uses the time stamp from digital camera the EXIF info contains.

Write Date/time to Options

- **Last modified:** This option will write the time information chosen in the Take time/date from Options to the last modified meta-information of the file.

- **Creation:** This option will write the time information chosen in the Take time/date from Options to the creation meta-information of the file. .

12 Function -/ Information Toolbars

The *Ashampoo Photo Commander 7* offers the following toolbars to ease the use of the application: Please use the Jump links to move over to appropriate chapter.

- **Content View toolbar**
- **Video control toolbar**
- **Animation control toolbar**
- **Statusbar**
- **Zoombar**

12.1 Content View Toolbar

The Content View Toolbar



(Description of the buttons from left to right)

- **Back** - Switches to the previous browsed directory. (hot key: mouse back button)
- **Next** - Switches to the next directory.
- **Directory up** - Switches to the parent directory. (hot key: Backspace)
- **FolderView right/left** - Have the Directory View display on the left or the right side.
- **Select All** - Select all items in the Content View. (hot key: Ctrl+A)
- **Refresh** - Reloads the items of the Content View. (hot key: F5)
- **Search** - Opens a search window to find a specific item in the Content View. (hot key: Ctrl+F)

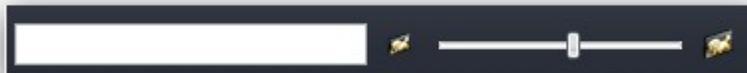
- **Browse Path** - Specify a path from your system to browse it.
- **Create a new folder** - Type a name for the new directory to be created in the current directory.
- **Sort Order** - Change the sort order (by filename, by file size, by file date, rating or creation date) in ascending or descending order.
- **Config** - You can quickly configure thumbnails or details style.
- **Rate Files** - Rate the files up to five stars.
- **Batch Tools** - Opens a variety of useful batch features.



Dropdown Lists and checkboxes (Description of the functions from left to right)

- **All types** - This option defines which types of media (pictures, movies, etc.) are displayed by *Ashampoo Photo Commander 7*.
- **Ignore rating** - This option defines which pictures are shown according to the 5 star rating system.
- **Not older than** - This option defines which media files are show according to their creation date.

Usage of the checkbox options: Mark the checkboxes to display only these media types (multiple choice is possible!).



Search and thumbnail size

The **text box on the left** is an additional search feature. Just type in a search term and press enter to enter.

The **slider on the right** adjusts the size of the thumbnails. Just pull the slider to the left or right to change the scaling.

12.2 Video Control Toolbar



(Buttons from left to right)

- **Play/Pause**
- **Stop**
- **Trackbar**
- **Next File**
- **Volume**
- **Mute on/off**
- **File Info**
- **Popup Menu**



Hint: Use the hot keys to make working with Ashampoo Photo Commander 7 more comfortable.

12.3 Animation Control Toolbar



(Buttons from left to right)

- **Play/Pause**
- **Stop**
- **Trackbar**
- **Previous Frame**
- **Next Frame**
- **Popup Menu**

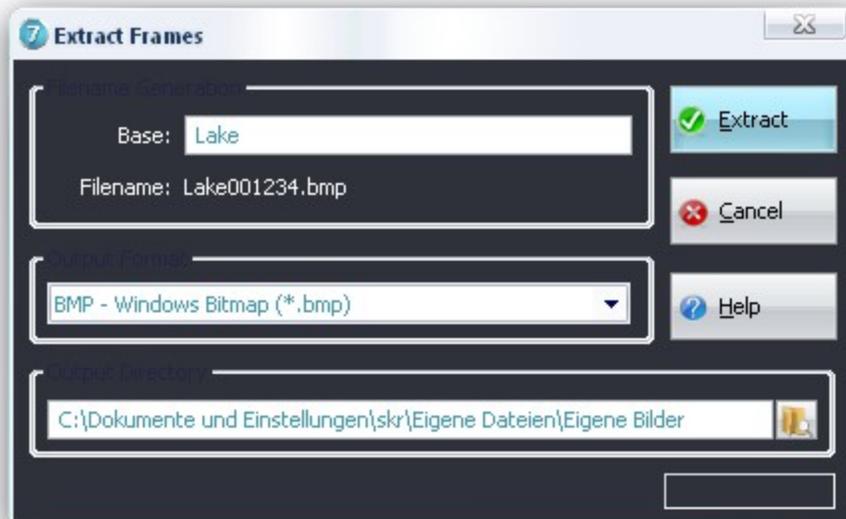


Hint: Use the hot keys to make working with Ashampoo Photo Commander 7 more comfortable.

12.3.1 Extract Frame(s)

The Extract Frames Dialog:

With this great tool you can extract image files from animations or movies! You will find the tool in the **animation control toolbar** as well as the **video toolbar**.



Options:

- **Filename Generation:** Type in the basic filename. The *Ashampoo Photo Commander 7* will automatically add a six digit long counting number and the correct extension to the filename.
- **Output Format:** Choose among different file formats to save each single frame in.
- **Output Directory:** Specify a location where to put all extracted frames. Take into account that many frames will take a higher amount of disk space! Hint: the *Ashampoo Photo Commander 7* does take care of any transparency stored in an indexed image automatically when saving to the following formats: GIF, PNG! Hint: After the extraction finished you can use the generated image files to create a GIF, MNG or TIF Animation/Multipage! Means for example that you can even convert an MPG Video into a GIF Animation, or a TIF Multipage into an animated MNG!



Tip: The Extract Frames tool supports the following video- and animation formats. (MOV, MPG1 , WMV, ASF, DCX, GIF, MNG, TIF,ANI, CUR, ICO, AVI (DIVX, XVID, etc, Note: Of course the corresponding codecs have to be installed in your operating system.)

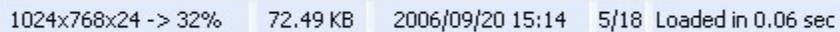
Extract current Frame

Using the Extract current Frame tool allows you to extract (capture) the current image (frame) of an animation or movie. Again this tool can also be accessed from the **animation control toolbar** or

video toolbar. To capture an image is very simple, play the movie or animation, you would like to extract a frame from and press the Extract current Frame button in the menu or the animation control toolbar (+-Button).

12.4 Statusbar

This is used as a quick information line, showing you the image attributes, the file size, the file date, the corresponding index of the current file for all files in the working directory and the time it took to load the image in seconds.



1024x768x24 -> 32%	72.49 KB	2006/09/20 15:14	5/18	Loaded in 0.06 sec
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When viewing an animated/multipage image file, you will also see the currently displayed frame and the total number of frames. When playing an audio and/or video file, you can see the total time in human readable time format (hours, minutes, seconds) and the current playing position.

12.5 Zoombar

The Zoombar to the left of the **Ashampoo Photo Commander 7** allows you to zoom in and out in predefined steps, that range from 1% up to 5000% of the original image resolution.



13 Reference

Here you will find general information about the *Ashampoo Photo Commander 7*, etc.

- **Installation / Uninstall**
- **Formats**
- **Shortcuts**
- **System requirements**

- **Command Line Parameters**
- **Getting Help**
- **EXIF / IPTC Format**
- **Ashampoo Support**

13.1 Installing/Uninstalling the software

The *Ashampoo Photo Commander 7* uses as distribution an advanced, multilingual Setup Wizard to ease you installing the software from scratch.

To install the software on your computer:

- Locate downloaded executable and launch it.
- Choose your preferred language in the appearing dialog box.
- Follow the instructions on the screen.
- The setup program will automatically open the configuration window to let you specify what file types (JPG, PNG, GIF and others) The *Ashampoo Photo Commander 7* should handle/open by default when you double click on them in Windows Explorer.

To remove the software from your computer:

- Navigate to the *Ashampoo Photo Commander 7* program group in your Windows Start menu and click Uninstall.
- Follow the instructions on the screen.

13.2 Formats

The following is a list showing the different file formats the *Ashampoo Photo Commander 7* can display. Entries with an asterisk to the side require additional program modules to be installed.

13.3 Keyboard shortcuts

Keyboards shortcuts (hot keys) let you speed up calling common tasks or functions once you are familiar with the *Ashampoo Photo Commander 7*.

13.4 System requirements

The requirements for running *Ashampoo Photo Commander 7* are very modest:

Operating system:	Windows XP or Windows Vista™.
Computer:	Any computer that runs one of the above operating systems at a reasonable speed, with a mouse or other compatible pointing device (required).
Memory:	For optimum performance you should have at least 128 MB RAM installed on Windows® 9x-based systems. Memory recommendations for Windows® 2000 and XP are higher. On these systems you should have enough memory to run standard applications like major office suites or graphics programs smoothly.
Graphics adapter:	Min. resolution 1024 x 768 with 16MB memory and 16-bit color (high color)
Hard disk space:	60 MB

13.5 Command Line Parameters

The *Ashampoo Photo Commander 7* supports command line parameters, however these are recommended to be only used by advanced users. Support for relative paths is given. All Parameters are case-sensitive and have to be supplied lower case!

Hint: Please note that all effects and mouse tools can be undone and redone using the unlimited Undo/Redo function.

Extract current Frame

Using the Extract current Frame tool allows you to extract (capture) the current image (frame) of an animation or movie. Again this tool can also be accessed from the **animation control toolbar** or **video toolbar**. To capture an image is very simple, play the movie or animation, you would like to extract a frame from and press the Extract current Frame button in the menu or the animation control toolbar (+-Button).



Hint: To call the *Ashampoo Photo Commander 7* with specific command line parameters create an empty text file using the *.bat extension and write the commands to the file. To execute, double click on the file in Windows Explorer.

Options:

- t - start in Browser Mode in current directory
- t="Directory" - start in Browser Mode in specified directory
- p - print the specified image without user interaction using the saved print settings
- f - start in Presentation Mode
- m - start with the "Always Maximize Mode" option enabled
- s="Directory" - start a slideshow in the specified Directory
- o - opens the Settings dialog

-u - uninstall any file associations without user interaction

Examples:

Load an image and print it without GUI: "apc.exe" "foo.jpg" -p

Load an image and show it in Presentation Mode: "apc.exe" "foo.jpg" -f

Start in Browser Mode with a specified Directory: "apc.exe" -t="C:\Foo\Bar"

Start a Slideshow with relative path in Presentation Mode: "apc.exe" -f -s="..\IMAGES\NATURE"

13.6 Getting Help

Accessing the online help system

The *Ashampoo Photo Commander 7* has a fully context-sensitive help system. To display the online help file just click on the **Help** button displayed in every screen or select **Help** in the Help menu at any point to view the topic of this help file most relevant to what you are currently doing. If you get really stuck you can contact **Ashampoo Support**, but please study the help carefully first -- we've put a lot of effort into making it as comprehensive as possible and chances are you'll find the answer here if you look!

Links in the help system

There are three different kinds of links in help system, identified by different colors:

Jump links

Clicking on one of these links takes you to another topic or to another location in the current topic. To return to the original topic after "jumping" just click on the Back icon in the help toolbar. Clicking on the example on the left will take you to the System Requirements topic in the Reference chapter of this help.

Pop-up links

Clicking on one of these links displays a little pop-up window with additional or useful information.

Internet links

With additional Internet icon: If you have an Internet connection clicking on one of these links opens your Internet browser and takes you to the specified Internet website and page. The example on the left displays the main Ashampoo website.



Sections marked with the information field serve for a detailed hints or notes. This could be some notes or hints on how to work with the program or general rules.

Finding the information you need

Getting started:

This online help system is designed to make it easy to find what you need quickly and easily. The first time you use the program you should study the topics in the **The Basics** section; this will give you the grounding you need and help you to understand how the program works.

Help Contents:

If selecting **Help** doesn't automatically open the online help at the topic you need the first place to look is in the Contents. If the Contents isn't currently displayed you can display it by clicking on the **Contents** tab in the left-hand pane of the help window (click on the **Show** icon in the help toolbar to display the tabs if they are not visible).

The help system takes a "learning by doing" approach and you will find topics devoted to all the common procedures that you can perform with the program. Additional useful information is also available in the **Reference** section.

The Index:

To display the index just click on the **Index** tab in the help window (click on the **Show** icon in the help toolbar to display the tabs if they are not visible). Then either scroll through the list of keywords or enter a keyword in the field at the top. When you have found a keyword that interests you double-click on it to display the topic referenced by the keyword.

Searching:

If you don't find what you need in the contents or the index you can also perform a full-text search on the entire help system. Just click on the **Search** tab in the help window (click on the **Show** icon in the help toolbar to display the tabs if they are not visible). Then type in the word or phrase you want to search for in the field at the top of the search pane and click on the **List Topics** button to perform the search.

Tip:

You can also perform complex searches with multiple words using the AND, OR, NEAR and NOT operators. For example, cleaner AND security NOT XP will find all topics containing the words "cleaner" *and* "security" but *not* "XP"; installing NEAR Windows will find all topics where the word "cleaner" is found near to the word "Windows". Clicking on the arrow button to the right of the search field display a pop-up selection list with which you can enter these operators directly.

13.7 EXIF / IPTC Format

Exchangeable image file format (**Exif**) is a specification for the image file format used by digital cameras. It was written by the Japan Electronic Industry Development Association (JEIDA).

- The meta data tags defined in the Exif standard cover a broad spectrum including:
- Date and time information. Digital cameras will record the current date and time and save this in the meta data.
- Camera settings. This includes static information such as the camera

model and make, and information that varies with each image such as orientation, aperture, shutter speed, focal length, metering mode, and film speed information.

- Location information, which could come from a GPS receiver connected to the camera. As of 2004 only a few cameras support this, though. Some people therefore use a normal receiver to track their movements, and then post-process the images by matching the timestamps in the images with the log from the receiver and can so add the missing information to images.
- Descriptions and copyright information. Again this is something which is most often done when post-processing the images, as only high-end camera models let the user choose a text for these fields.

IPTC stands for "International Press Telecommunications Council". IPTC information may be embedded in JPG, TIFF, PNG, MIFF, PS, PDF, PSD and DNG images.

- The IPTC specification dictates a length for ASCII (string or digits) values. These lengths are given in square brackets after the Writable format name. For tags where a range of lengths is allowed, the minimum and maximum lengths are separated by a comma within the brackets.
- IPTC strings are not null terminated.
- IPTC information is separated into different records, each of which has its own set of tags.

13.8 Ashampoo Support

Free support - even for trial versions!

At Ashampoo we believe that support is part of the product. We provide free online support for all our products, including freeware, shareware and trial versions!

If you have any problems or questions about **Ashampoo Photo Commander 7** please contact our support hot line staff at one of the addresses shown below. You can also contact support directly by selecting the options in the internet menu. However, before doing so it's a good idea to study the documentation and this help file first - in most cases you'll find the answer there!

Ashampoo contact addresses:



Website: <http://www.ashampoo.com>

Support page: <http://www.ashampoo.com/support>

E-mail support: sis@ashampoo.com

Bug reports: sis@ashampoo.com

Suggestions: sis@ashampoo.com

Mail address:

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