

L-1n / TT-02s

Utility Software (VHO) for Mac OS X

Instruction Manual

Instruction Manual (L-1n / TT-02s) Utility Software (VHO) for Mac OS X

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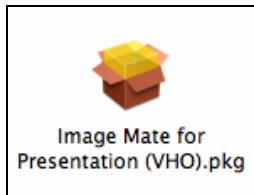
System Requirements

The following requirements must be met by your computer for it to use the Image Mate for Presentation (VHO).

Computer Model	Mac OS X compatible
Processor	PowerPC G4, G5 Intel Core Duo, Xeon
OS	Mac OS X 10.3.9 (only for PowerPC G4, G5) Mac OS X 10.4.9
QuickTime	7.1.6
USB	built-in USB port (Hi-Speed recommended)
RAM	512MB or more
Hard Disk Free Space	1GB or more
Display	1024 x 768 or more high resolution
Color	Millions

Installing the Image Mate for Presentation (VHO)

To install the Image Mate for Presentation (VHO), double click on the following icon (pkg icon). The install program will start. Follow the on-screen instructions.



Connecting the Document Camera to a computer

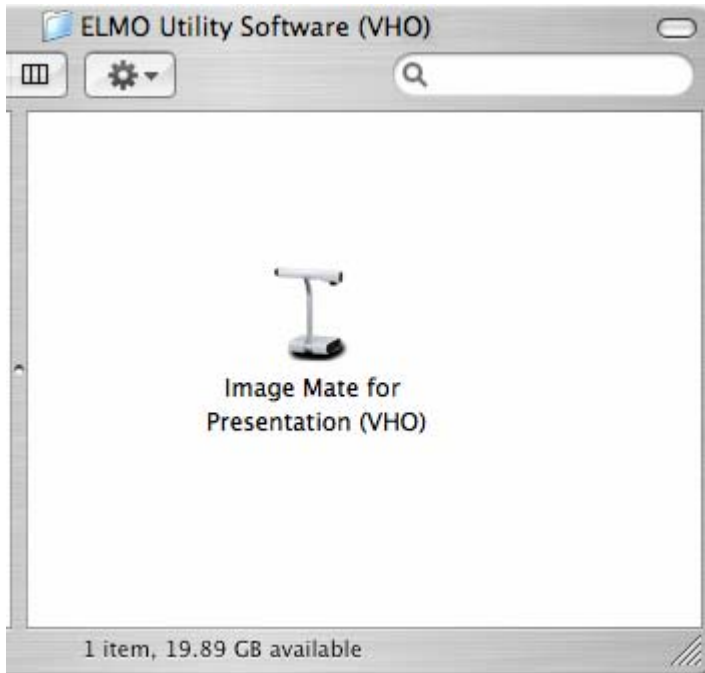
Connect the Document Camera (hereafter the main unit) to a computer with the supplied USB cable, and then turn on the power for the main unit.

Starting the Image Mate for Presentation (VHO)

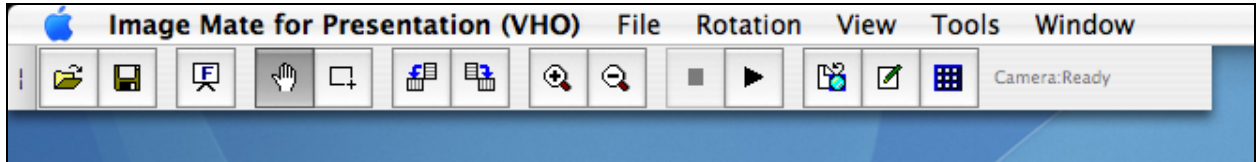
After installing the Image Mate for Presentation (VHO), you will find the "Utility Software (VHO)" folder within the Applications folder.



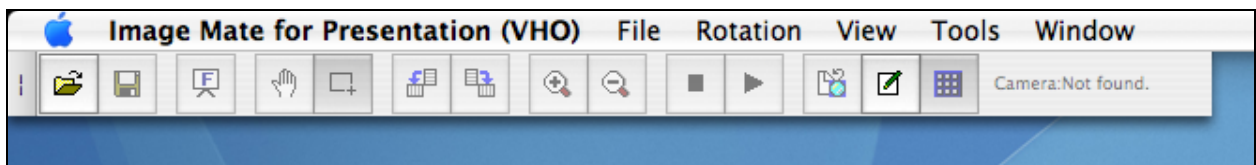
Double click on the Image Mate for Presentation (VHO) application icon within the "ELMO Utility Software (VHO)" folder.



When the application starts, the following menu and Tool Bar will appear.



If the main unit is not available, the Tool Bar will be the following state.



Uninstalling

To uninstall the Image Mate for Presentation (VHO), drag the "ELMO Utility Software (VHO)" folder to the trash.

Function list















The Image Mate for Presentation (VHO) has the following functions.

Functions in the menu

Menu Item		Functions	
Image Mate for Presentation (VHO)	About Image Mate for Presentation ...	Display version information.	
	Quit Image Mate for Presentation (VHO)	Quit the Image Mate for Presentation (VHO).	
File	Open	Open an image file. A bitmap file, a JPEG file and a PICT file are available.	
	Close	Close a displayed window or the live monitor window.	
	Save	Save a displayed image as a file to overwrite. A BITMAP file, a JPEG file and a PICT file are available.	
	Save As	Save a displayed image as a new file. A BITMAP file, a JPEG file and a PICT file are available.	
Rotation	180°	Rotate image 180 degrees.	
	90° CW	Rotate image 90 degrees clockwise.	
	90° CCW	Rotate image 90 degrees counter clockwise	
View	Full Screen	Display a still image or the live monitor in full screen.	
	Zoom In	Zoom in (enlarge) an image or the live monitor image.	
	Zoom Out	Zoom out (reduce) an image or the live monitor image.	
	Best Fit	Adjust an image to fit the window.	
	Actual Size	Adjust an image to its original size.	
	Zoom To Selected Area	Zoom in (enlarge) the selected area in an image to fit the window.	
Tools	Live Monitor	25%	Set the live monitor size to 25% of its original size.
		50%	Set the live monitor size to 50% of its original size.
		100%	Set the live monitor size to 100% of its original size.
	Still Capture	Capture a still image from the main unit.	

	File Conversion	Convert a file (BITMAP, JPEG, PICT) into the format readable with the main unit.
	Draw	Draw figures on a still image.
	Remote Control	Control the main unit.
Window	Zoom Window	Toggles between shrinking and expanding the main document window.
	Minimize Window	Minimize the current document window and places it in the dock.
	Bring All to Front	Bring all of windows to the foreground.

Tool Bar functions

Tool Bar	Correspond to menu item	Functions
	[File] - [Open]	Open an image file. A BITMAP file, a JPEG file, a PICT file are available.
	[File] - [Save]	Save a displayed image as a file to overwrite. A BITMAP file, a JPEG file, a PICT file are available.
	[View] - [Full Screen]	Display a still image or the live monitor in full screen within the window.
		Select the Hand Tool that moves an image in any direction.
		Select the Select Area mode.
	[Rotate] - [90° CCW]	Rotate image 90 degrees counter clockwise.
	[Rotate] - [90° CW]	Rotate image 90 degrees clockwise.
	[View] - [Zoom In]	Zoom in (enlarge) an image or the live monitor image.
	[View] - [Zoom Out]	Zoom out (reduce) an image or the live monitor image.
		Stop capturing images continuously in the live monitor window.
		Start capturing images continuously in the live monitor window.
	[Tools] - [Still Capture]	Capture a still image from the main unit.
	[Tools] - [Draw]	Draw figures on a still image.
	[Tools] - [Remote Control]	Control the main unit.

*** While the camera image is paused, images from the main unit cannot be captured.

*** The name of a folder or a file must consist of alphanumeric characters only: (a-z, A-Z, 0-9), hyphen (-), period (.) or underscore (_).

*** When the "OUTPUT" setting of the main unit is set to the "VIDEO", images from the main unit cannot be captured.

*** When the Full Screen is enabled while the remote control is displayed, the remote control is always displayed.

Main Functions

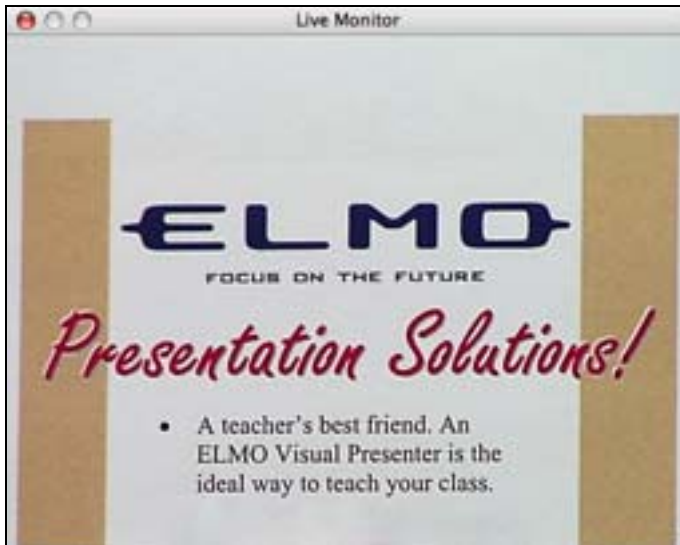
Live Monitor

The Live Monitor window displays captured images continuously from the camera.

1. Click on the "Start" button from the Tool Bar.




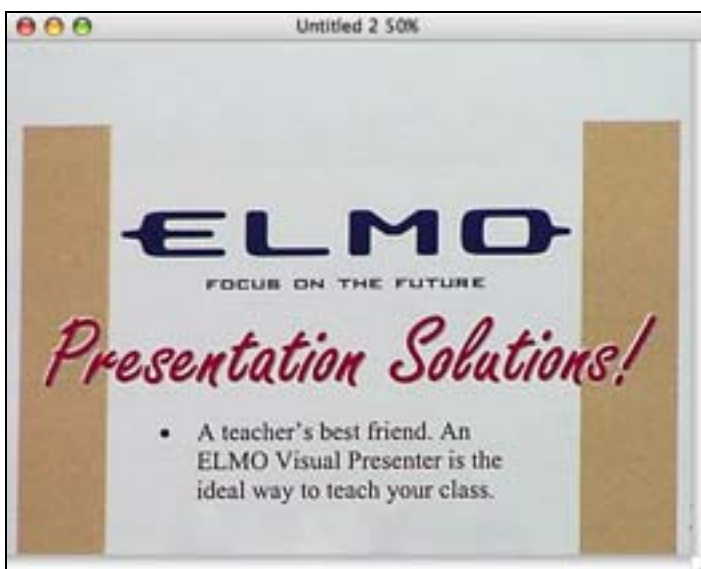
2. The following window will appear.



Still Capture

The still capture function can capture a still image from the camera, then it is displayed in a new window.

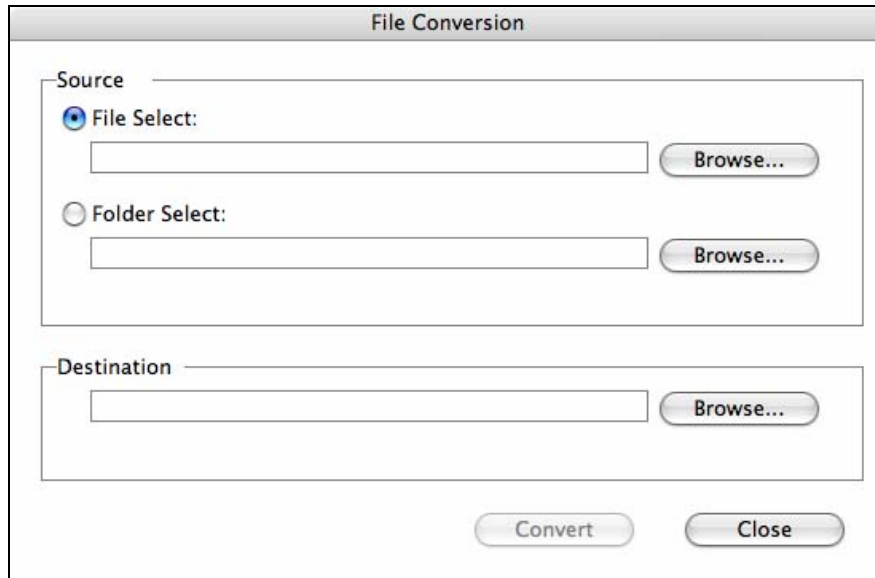
1. Select [Tools] > [Still Capture] from the menu or  from the Tool Bar, the following window appears.



File Conversion

This function converts a specified file or all files in a specified folder into the format readable with the main unit. The local drives are available as a destination. The file formats that can be converted are Windows BMP files, JPEG files and PICT files.

Select [Tools] > [File Conversion], the following window appears.



1. A file name is converted to "IMAGXXXX.JPG". XXXX is a number between 0001 and 9999.
2. If there is a file "IMAGXXXX.JPG" carrying the maximum number in the destination folder, the number part of the files to be converted will start from XXXX+1 and increase consecutively.
3. When the number reaches 9999, no more File Conversion is possible.

*** We do not guarantee that it is possible to convert all files into the format readable with the unit.

** The name of a folder or a file must consist of alphanumeric characters only: (a-z, A-Z, 0-9), hyphen (-), period (.) or underscore (_).

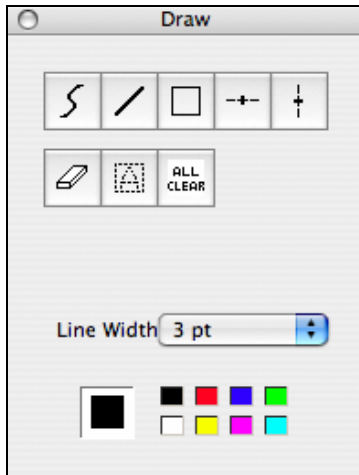
*** In some cases, image resolution after conversion may be lower than the original.









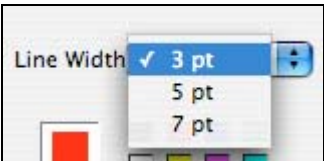

*** In some cases, black bars may appear at the edges of the image after conversion.

Draw Tools

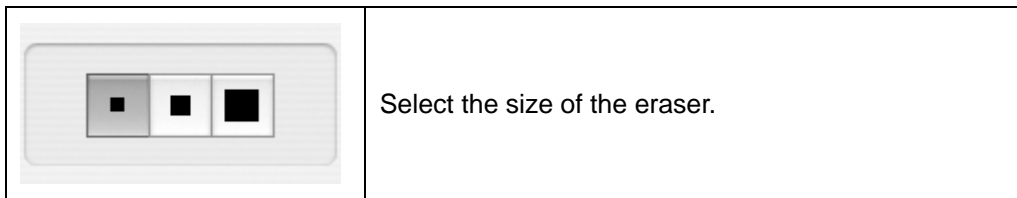
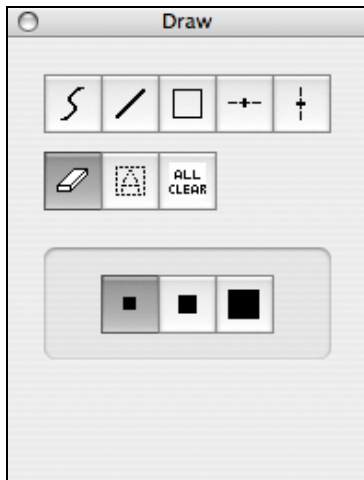
The Draw Tools create free lines, straight lines, and rectangles on the still image.

Select [Tools] > [Draw] from the menu, the following window appears.



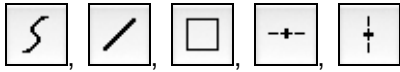
	Draw a free line.
	Draw a straight line.
	Draw a rectangle.
	Draw a horizontal line.
	Draw a vertical line.
	Erase drawn figures.
	Erase drawn figures in the selected area.
	Erase all drawn figures.
	Select a line width.
	Select a color.

When selecting the Eraser Tool, you can select the size of the eraser in the following window.

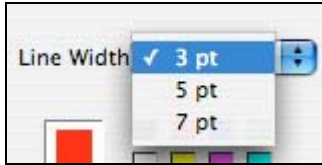


Drawing figures on the image

1. Select a shape



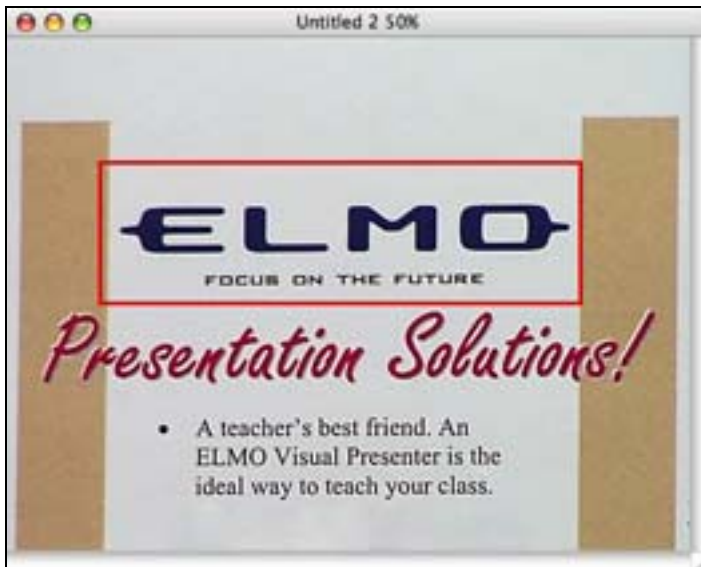
2. Select a line width.



3. Select a color.



4. Draw on the image.



*** The drawn figures only can be erased. The drawn figures that were saved as a file cannot be erased.

Erase the figures (Eraser Tool)

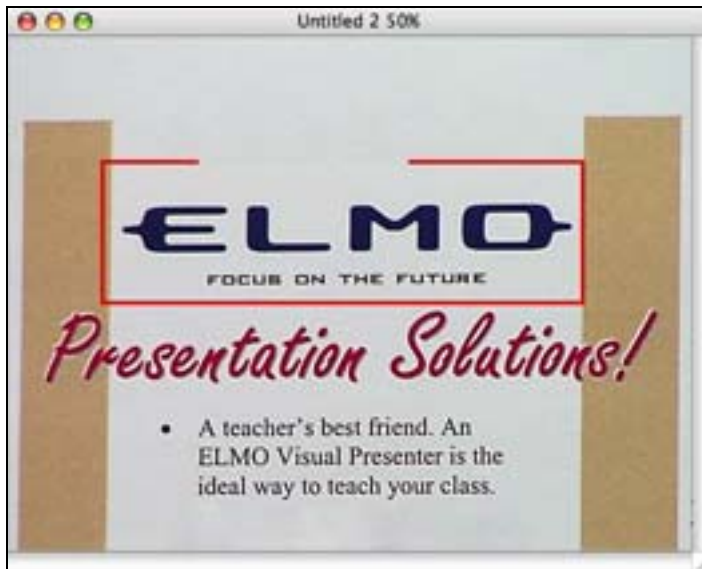
1. Select the eraser tool.



2. Select the size of the eraser.



3. Erase the drawn figures.



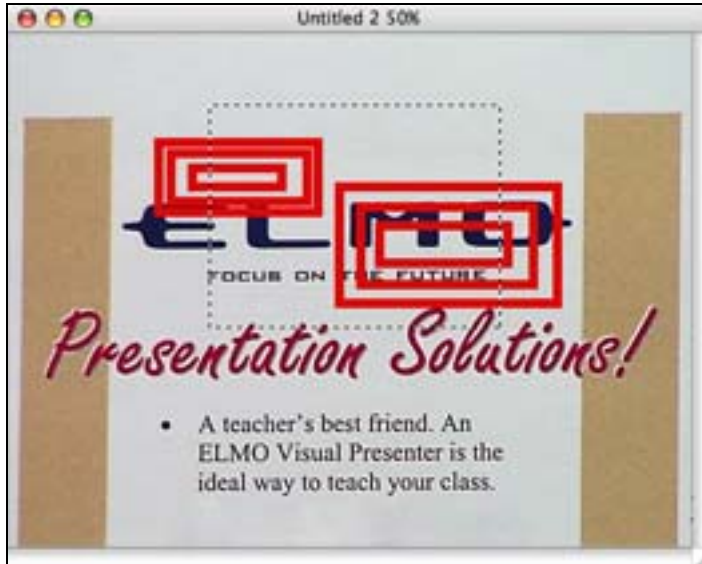
*** The drawn figures only can be erased. The drawn figures that were saved as a file cannot be erased.

Erase the figures (Erase Area Tool)

1. Select the "Select Area" mode from the Tool Bar.



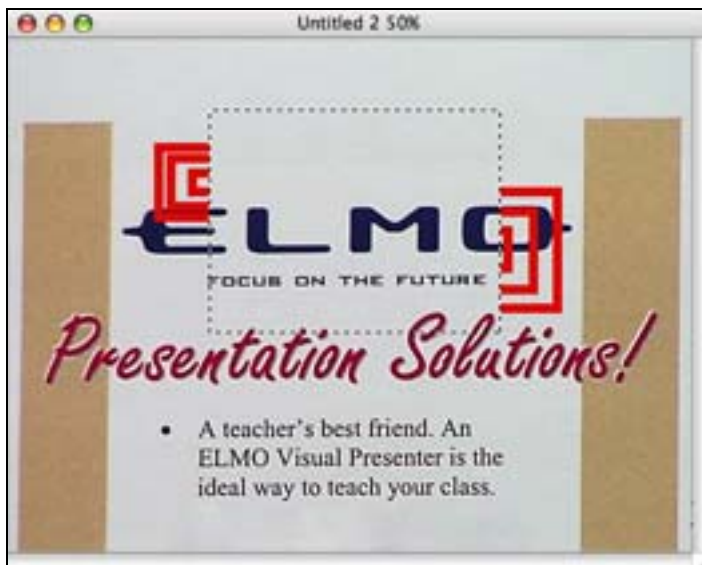
2. Select an area to be erased in the image.



3. Select the Erase Area Tool.



4. The figures within the selected area are erased.



*** The drawn figures only can be erased. The drawn figures that were saved as a file cannot be erased.

Erase the figures (Erase All Tool)

1. Select the Erase All Tool.



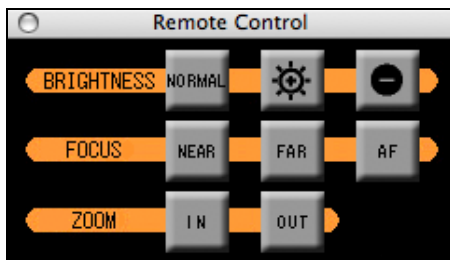
2. All the drawn figures are erased.









*** The drawn figures only can be erased. The drawn figures that were saved as a file cannot be erased.

Remote Control

The Remote Control controls the main unit.

Select [Tools] > [Remote Control], the following window appears.



	Set the brightness to the factory setting.
	Brighten the camera image.
	Darken the camera image.
	Focus near.
	Focus far.
	Focus automatically.
	Zoom in.
	Zoom out.

*** The ZOOM IN/OUT button on the Remote Control cannot activate the digital zoom.

*** When the ZOOM IN/OUT button on the Remote Control is pressed while the digital zoom is activated, the digital zoom is canceled.

*** When the Full Screen is enabled while the remote control is displayed, the remote control is always displayed.

Error Message

Message	File already exists in the output folder.
Cause	The file to be converted already exists in the destination folder. IMAG9999.JPG already exists in the destination folder.
Solution	Create or select an empty folder as a destination folder.

Troubleshooting

Situation	The some button in the Tool Bar is disabled and the message "Camera: Not found." is displayed.
Cause	The power for the main unit is turned off. The cable is not connected between the main unit and the computer.
Solution	Tune on the power for the main unit. Check the connection between the main unit and the computer.

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Caution

The sample screens shown in this manual may not be the same as those you see while using our software.

Acknowledgement and Copyright

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This software is based in part on the work of the Independent JPEG Group.

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