



**Ladibug™ 2.0**

**Visual Presenter Image Software  
User Manual - English**

**Touchboards**

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# 1.Introduction

After installing the Ladibug™ application, you can use the software to:

- Control the Visual Presenter.
- Capture and record images.
- Annotate the image, highlight important details and save it.
- Support the full screen function.

## 2.System Requirements

### Windows XP

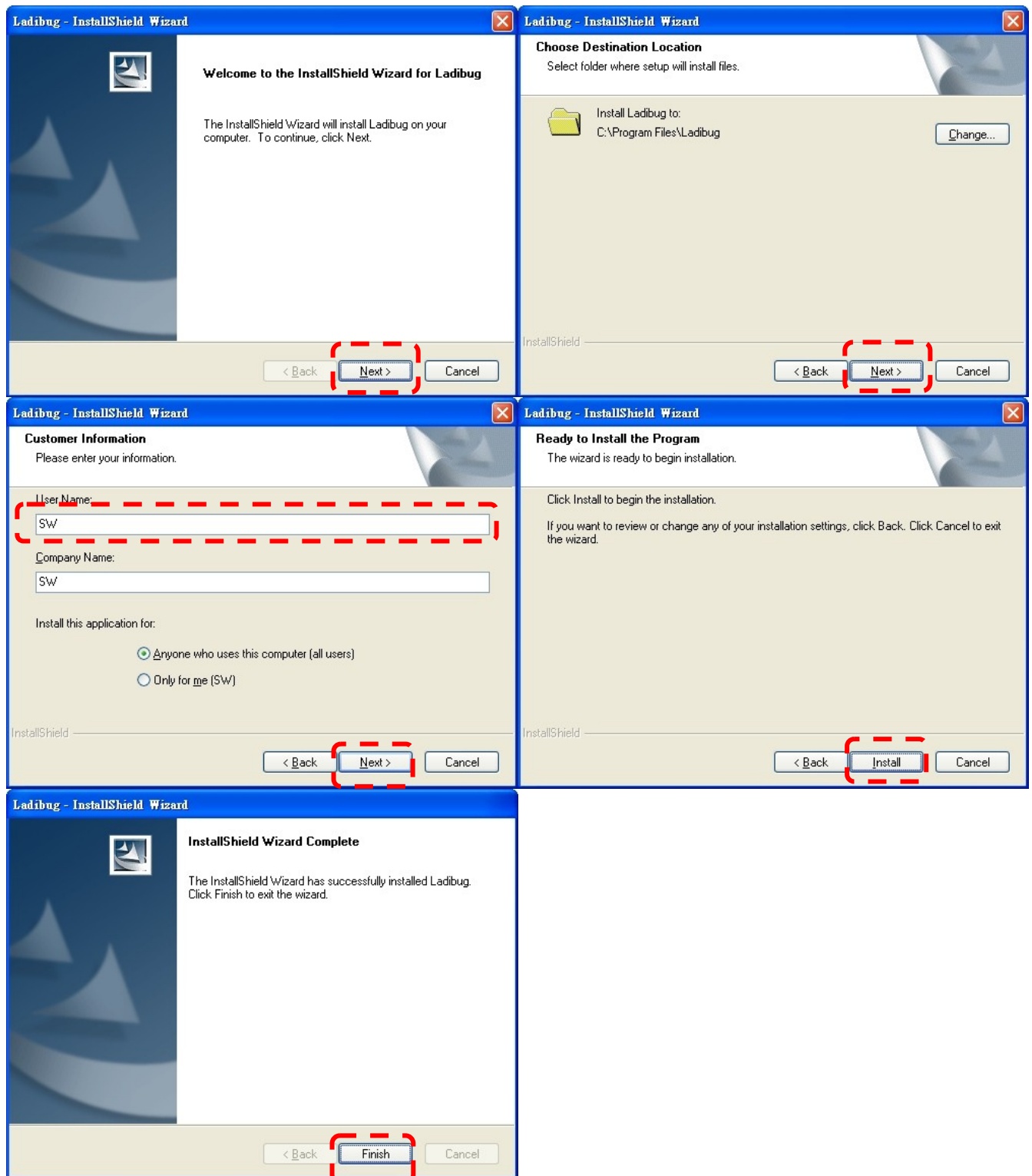
- CPU: P4 2.8 GHz and above
- Min Memory: 512 MB
- Supporting Direct X 9
- Min Resolution: 1024 x 768
- Min Hard Drive Space: 500 MB
- Windows XP SP2 and above

### Windows Vista / 7

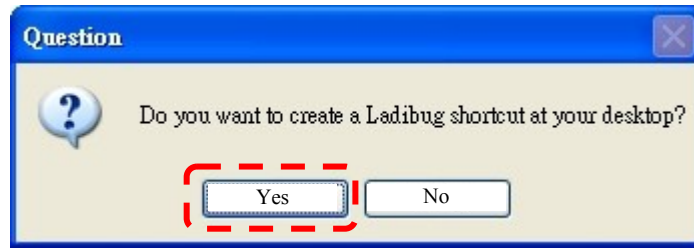
- Min CPU: P4 2.8 Ghz
- Min Memory: 1 GB (32-bits)/2 GB (64-bits)
- Supporting Direct X 9
- Min Resolution: 1024 x 768
- Min Hard Drive Space: 500 MB

### 3. Install Ladibug™

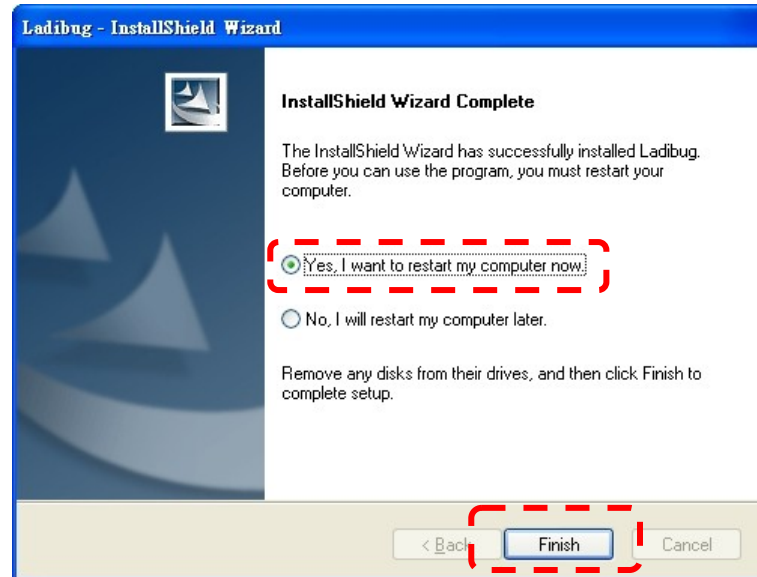
1. Please download **Ladibug** software at **Lumens** website.
2. Extract the file downloaded and then click **[Ladibug]** to install.
3. The installation wizard will guide you through the process. Please follow the on-screen instructions and press **[Next]** for the next step.



4. Press **[Yes]** to create **Ladibug™** shortcut on your desktop.



5. Once the installation is completed, press **[Finish]** to restart the computer.

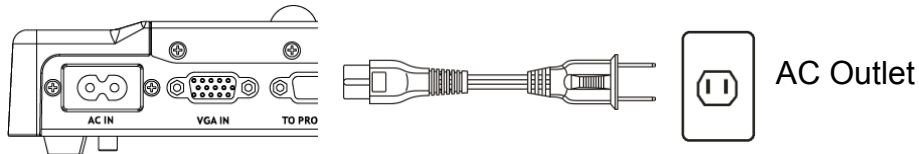


## 4. Connection to the Hardware



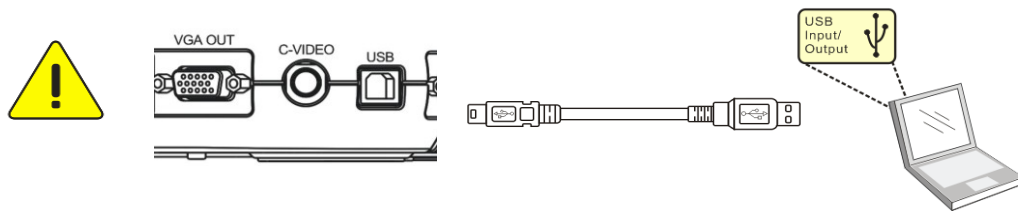
<Very Important> To ensure successful installation, please follow each of the following steps.

4.1. Connect the power cord of the Visual Presenter.



<Note> Appearance may vary depending on country/region.

4.2. Connect USB cable to the Visual Presenter and your computer.



## 5. Start to Use Ladibug™

5.1. Double-click the [**Ladibug**] icon on the desktop to launch Ladibug™.



5.2. Click [**POWER**] icon to power on.

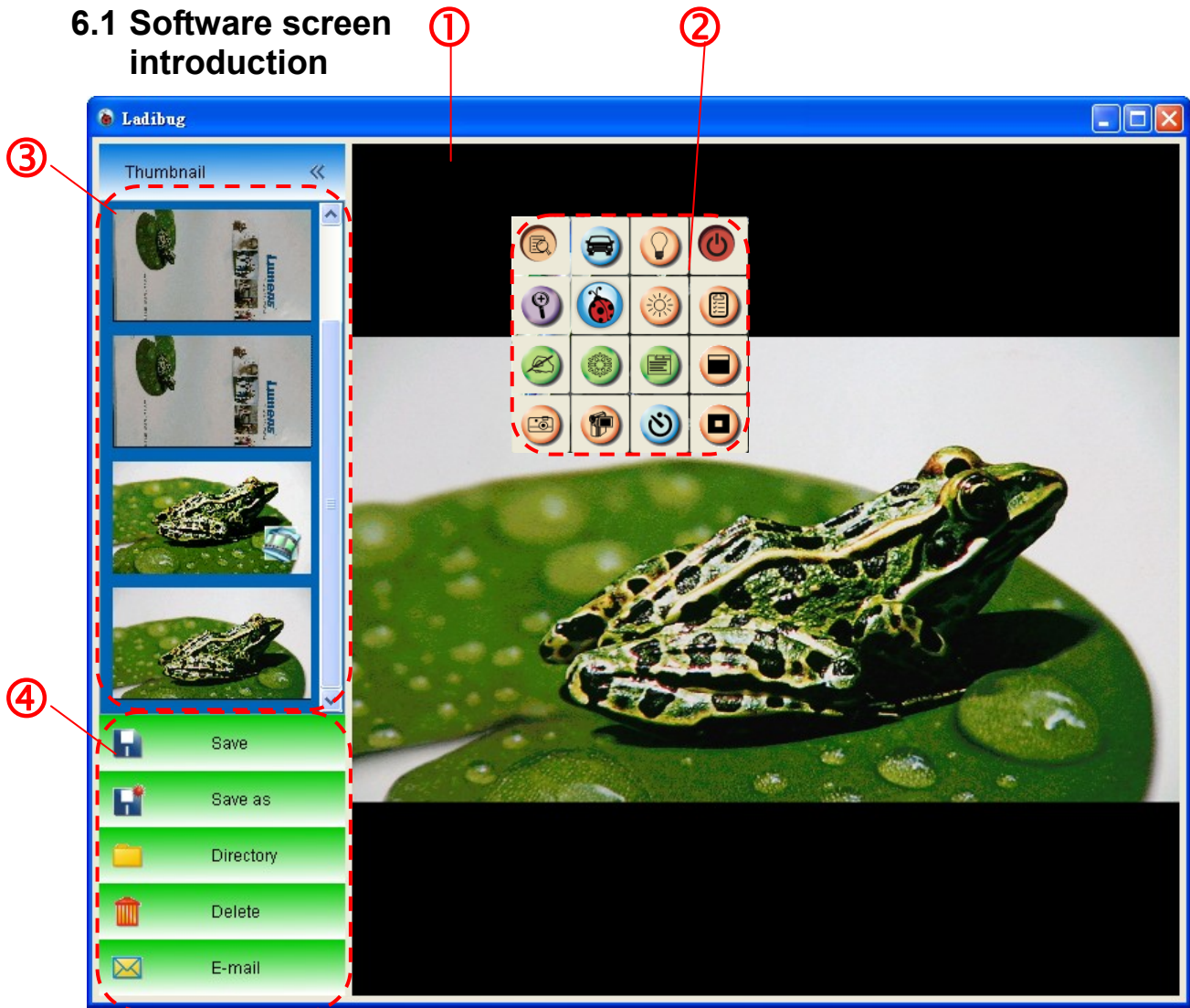


5.3. Click [**PREVIEW**] icon to start to use.



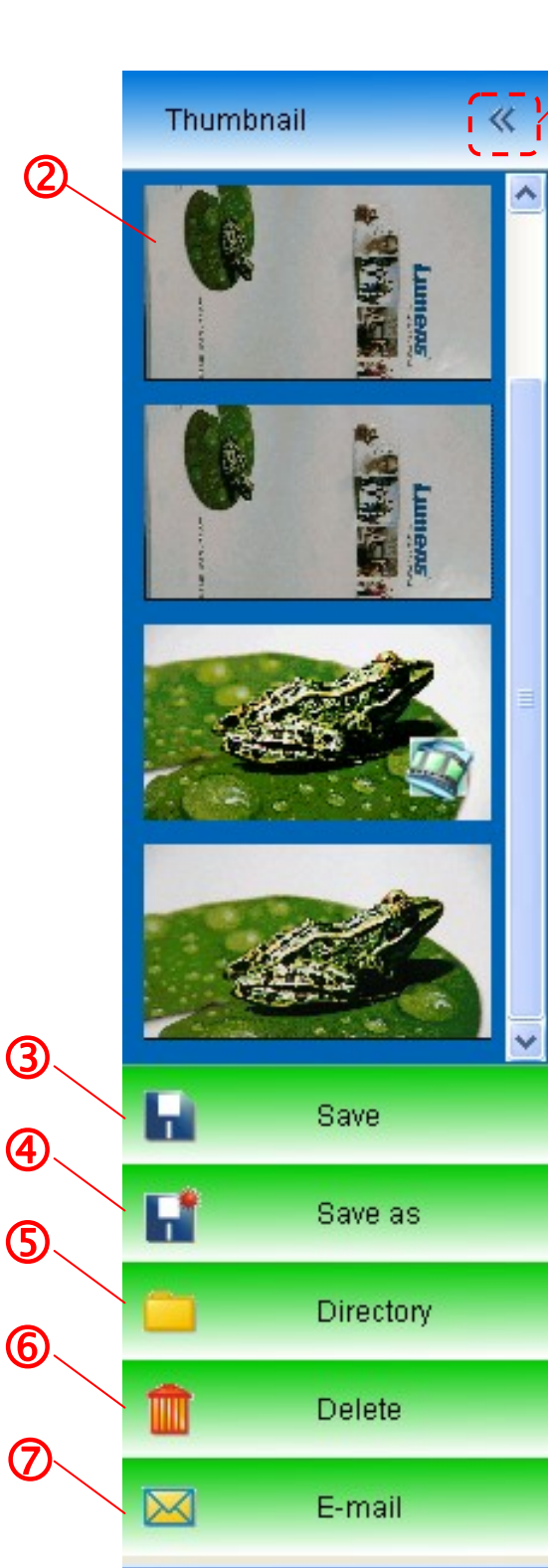
# 6. Operation Interface Description


## 6.1 Software screen introduction



1. Live image
2. Main menu
3. Thumbnail window
4. File management function menu

## 6.2 Thumbnail (Saved image window)









1. OFF/ON Thumbnail
2. Thumbnail image of saved video or captured image (It will be displayed as  if it is a video)
3. Save the image/video which has been edited
4. Save as a new file
5. Change the storage folder
6. Delete a file
7. Send the captured image by E-mail



## 6.3 Main menu
















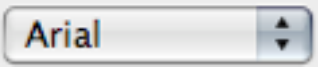



	<b>POWER:</b> Turn on/off the Visual Presenter.		<b>LAMP:</b> Turn on/off the lamp.
	<b>AUTO TUNE:</b> Automatically adjust the image to have the best brightness and focusing performance.		<b>PREVIEW:</b> Display live images.
	<b>OPTIONS:</b> Select video compression method and the audio source. Please refer to <a href="#">6.6 Options</a> for the setting screen.		<b>BRIGHTNESS:</b> Adjust the brightness of the image.
	<b>MAIN:</b> Launch the main functions menu. Right click on this icon to show information about the Ladibug™.		<b>ZOOM:</b> Increase or decrease the image size.
	<b>Mask Mode:</b> Open the mask mode. Please refer to <a href="#">7.10 I would like to use the mask mode</a> .		<b>CAMERA SETTING:</b> Launch the Camera Settings window to adjust live images. Please refer to <a href="#">6.5 Camera Settings</a> for the setting screen.
	<b>FREEZE:</b> Freeze the live image.		<b>ANNOTATION:</b> Open annotation tools. Please refer to <a href="#">6.4 Annotation</a> .
	<b>Spotlight Mode:</b> Open the emphasizing mode. Please refer to <a href="#">7.11 I would like to use the emphasizing mode</a> .		<b>TIME LAPSE CAPTURE:</b> Use the burst mode and adjust the interval of automatic image capturing. Please refer to <a href="#">7.4 I would like to capture images continuously</a> .
	<b>RECORD:</b> Record the video.		<b>CAPTURE:</b> Capture the image.

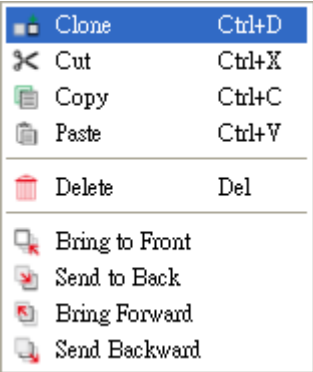
## 6.4 Annotation Tools

- Click  to open annotation tools.

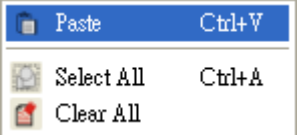


Icon	Description
	Pointer tool
	Laser tool
	Insert text
	Eraser (Clear marks of free-hand drawing tool)
	Draw a line
	Draw an ellipse
	Draw a rectangle
	Delete
	Free-hand drawing tool
	Back
	Next
	Clear all
	Select pen color
	Select the line width
	Select transparency
	Select the font
	Select the font size

➤ Right-click on the drawing object

	Clone: Make a duplicate copy of the drawing object
	Cut: Cut the drawing object
	Copy: Copy the drawing object
	Paste: Paste the drawing object
	Delete: Delete the drawing object
	Bring to Front: Bring the drawing object to the front
	Send to Back: Bring the drawing object to the back
	Bring Forward: Bring the drawing object forward
	Send Backward: Bring the drawing object backward

➤ Right-click on a blank area of the screen

	Paste: Paste the drawing object
	Select All: Select all the drawing objects
	Clear: Clear all the drawing objects

## 6.5 Camera Settings

Control the live image via the **Camera Settings** interface. The operating procedure is the same as the **control panel** and **remote control** of the Visual Presenter. Refer to the [Visual Presenter user manual](#) for more information.

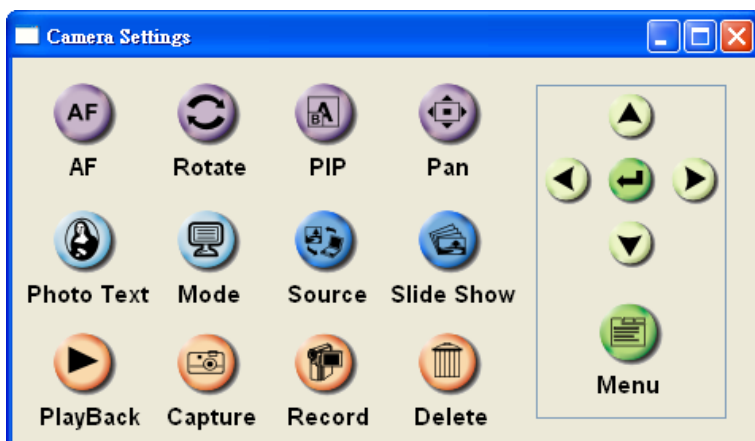
**<Remark> The display of the button may vary depending on product functions. An inactive button will grey out.**



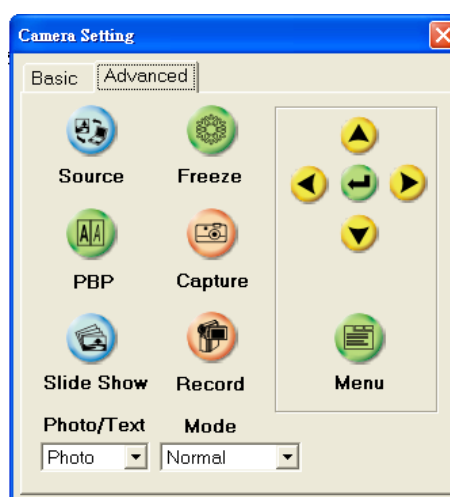
6.5.1 Click  to open Camera Settings interface.

6.5.2 Applicable to other types except DC120 and DC125, such as DC266, DC190....

➤ Case 1

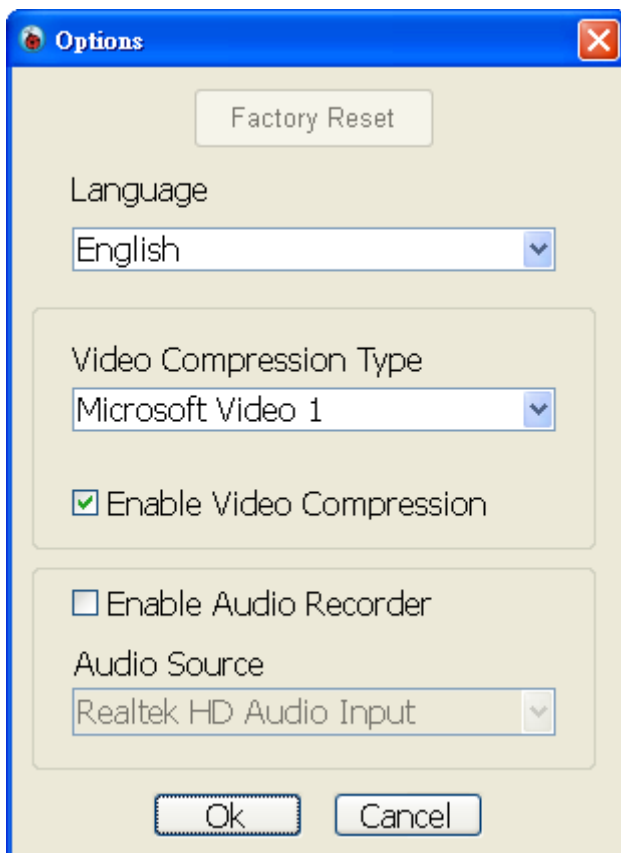


➤ Case 2



## 6.6 Options

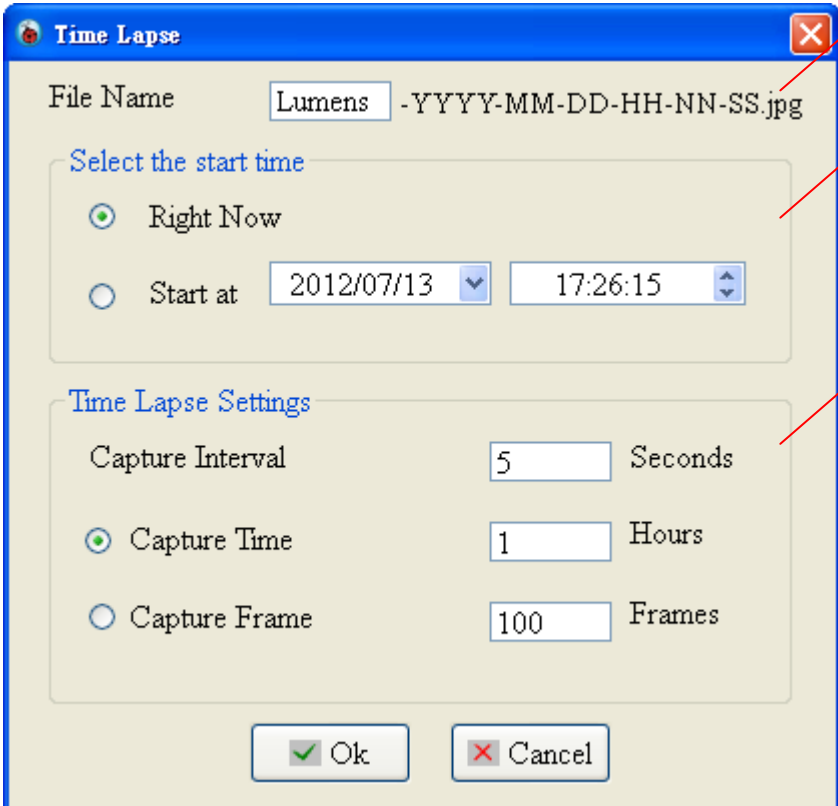
Click  to open Options Menu.



1. **Factory Reset:** Activate the factory reset.
  2. **Language:** Set the language.
  3. **Video Compression Type:** Set the recording format.
- <Note> You need to enable the [Enable Video Compress] before setting in Windows OS.**
4. **Enable Audio Recorder:** Enable the audio record device and set the audio source.

## 6.7 Time Lapse (Burst Settings)

Click  to open Time Lapse menu.




The screenshot shows a dialog box titled "Time Lapse" with a blue border and a close button in the top right corner. The dialog is divided into several sections:

- File Name:** A text input field containing "Lumens" followed by a dropdown menu showing "-YYYY-MM-DD-HH-NN-SS.jpg". A red circle with the number "1" points to this field.
- Select the start time:** A section with two radio buttons. The first is "Right Now" (selected). The second is "Start at", which is followed by a date dropdown menu showing "2012/07/13" and a time spinner showing "17:26:15". A red circle with the number "2" points to the "Start at" section.
- Time Lapse Settings:** A section with three radio buttons and corresponding input fields:
  - "Capture Interval" with a text input field containing "5" and the label "Seconds".
  - "Capture Time" (selected) with a text input field containing "1" and the label "Hours".
  - "Capture Frame" with a text input field containing "100" and the label "Frames".A red circle with the number "3" points to the "Capture Time" section.
- Buttons:** At the bottom, there are two buttons: "Ok" with a green checkmark icon and "Cancel" with a red X icon.

1. Specify a file name.
2. Set the start time.
3. Set the capture interval and the capture time.

# 7. Function Descriptions

## 7.1 Turn on/off the Visual Presenter

- Click  to turn on/off the power.

**<Note> When the machine is turned on, the light will flash. After shutdown, you cannot restart it before the light finishes flashing.**

## 7.2 I would like to display a live image


- Click  to display the live image.

## 7.3 I would like to capture images

- Click  to capture images.

**[Note] The captured images will be displayed in the Thumbnail area.**


## 7.4 I would like to capture images continuously


- Click  to open burst mode setting. Click [OK] after setting.

**<Note> Refer to [6.7 Time Lapse](#) for more information about Time Lapse setting.**

**<Note> The captured images will be displayed in the Thumbnail area.**

## 7.5 I would like to freeze the live image

- Click  to freeze the live image of Ladibug™.

- Click  once again to lift the freeze.

## 7.6 I would like to annotate the displayed image

<Note> To annotate the saved image, please open the pictures of the Thumbnail area.



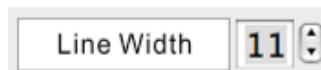
- Click to open the annotation tools.
- Select a annotation tool.



- Select pen color.



- Select the line width.



- Select transparency.



- Mark or annotate the displayed image.




<Remark> You can Click to capture images if they are live images. You can click [SAVE] or [SAVE AS] to save the files if they are image files opened from the Thumbnail.

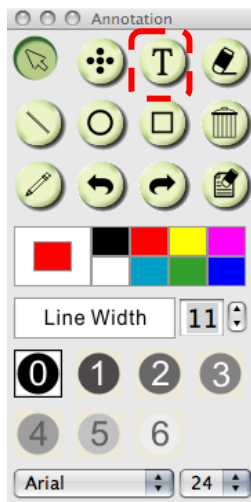
<Remark> You can add annotation when recording but cannot save it.



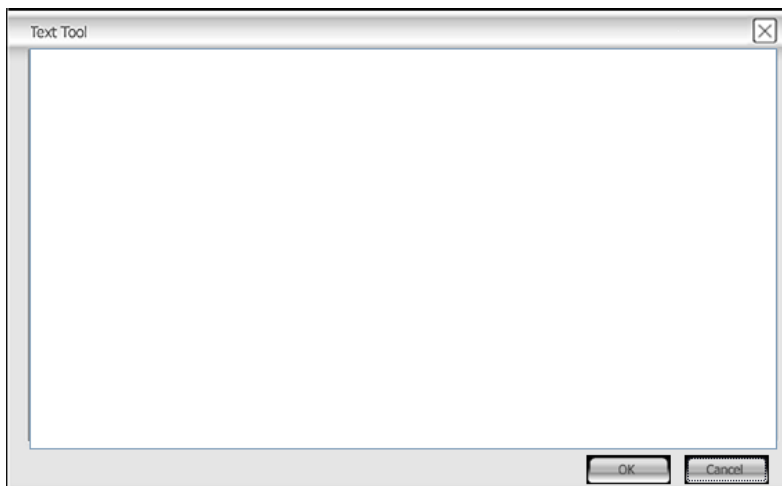
## 7.7 I would like to add textual annotation to images

- Click  to open the annotation tools.

- Select  .



- Click the screen to display the [Text Tool] window.
- Input text in the blank area and press [OK].



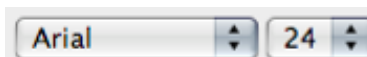
- Click the object and select the color of text.



- Click the object and select the transparency.



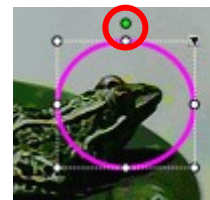
- Click the object and select the font and font size.



**<Remark> You can Click**  **to capture images if they are live images. You can click [SAVE] or [SAVE AS] to save files if they are image files.**

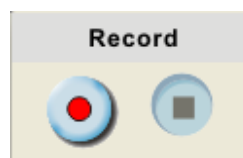
### 7.8 I would like to adjust the drawing object

- Rotate the direction of the object: Click the object and move it to the green point on the screen. Press and hold the left mouse button, and move to left and right to rotate the object.
- Change the size of the object: Click the object and move it to the white point on the screen. Press and hold the left mouse button to adjust the size of the object.
- Click the object, and click the “inverted triangle” icon on the top right of the object or right-click on the object to open the operation menu. Please refer to [6.4 Annotation](#) for more information about the menu.




### 7.9 I would like to record videos


- Click  to open the recording tool.



**<Note> Click**  **to open the setting window of video format and audio source. Please refer to [6.6 Options](#) for more information.**

- Click  to start recording.

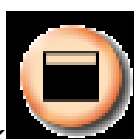
- Click  to stop recording.



- Click  to close the recording tool.

**<Remark> You can add annotation when recording but cannot save it.**




### 7.10 I would like to use the mask mode



- Click  to open the mask mode.
- You can use the mouse to directly modify the length and the width of the block.


- Click  to modify the transparency of the block.
- Click  to close the mask mode.

## 7.11 I would like to use the emphasizing mode


- Click  to open emphasizing mode.
- You can use the mouse to directly modify the length and the width of the block.
- Click  to modify the transparency of the block.
- Click  to close the emphasizing mode.

## 7.12 I would like to manage saved image files


### 7.12.1 Save as a new file

- First, double-click the picture or image file in the “Thumbnail” window on the left side of the screen.
- Click [Save as]  to display the “Save image” window.
- Input the “file name” and click [Save] to finish saving.


### 7.12.2 Change the location of file access

- Click [Directory]  to display the “Browse Folder” window.
- After selecting the location of the folder, click [Confirm] to change the folder where the pictures will be saved next time.

### 7.12.3 Delete a file

- First, double-click the picture in the “Thumbnail” window on the right side of the screen.
- Click [Delete]  to delete the file.

### 7.12.4 Send out the files by E-mail

- First, double-click the picture in the “Thumbnail” window on the right side of the screen.
- Click [E-mail]  to open a new E-mail.



## 8. Troubleshooting

### 8.1. Question: Black screen is displayed in live image after Ladibug™ was re-installed

#### **Solution:**

1. Remove the Ladibug™, and then restart the computer.
2. Re-install the Ladibug™.

### 8.2. Question: When the Ladibug™ is run, no image is displayed and a Ladibug error message occurs: “System video limitation reached. Please refer to the troubleshooting section of the Ladibug user’s manual.”

#### **Solution:**

1. Please check if you are using an extended desktop (two monitors) hooked up to the computer. If so, please try to move the Ladibug™ shortcut to the extended desktop (the second monitor) and launch it.
2. If step 1 still does not work, please turn off extended desktop.
3. If step 2 still does not work, please reduce the resolution of the screen.
4. If step 3 still does not work, please re-install Ladibug™ software.



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