B-Works 2
User's Guide

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1. Introduction

B-Works 2 PC and USB driver which support WIA and TWAIN standards.

After installing the USB driver and B-Works 2 application, you can use the software to:

➢ Control the Document Camera

➢ Capture and record images

➢ Annotate the image, highlight important details and save it

2. System Requirements

Windows XP
- CPU: P4 2.8 GHz and above
- Memory: 512MB
- Support Direct X 9
- Resolution: 1024x768
- 500MB Min Disc Space
- Windows XP SP2 and above

Windows Vista / 7 / 8
- Min CPU: P4 2.8 Ghz
- Min Memory: 1GB (32-bits)/2GB(64-bits)
- Direct X 9 Compatible
- Min Resolution: 1024x768
- 500MB Min Disc Space

MAC OS X 10.4 / 10.5 / 10.6 / 10.7 / 10.8
- Min CPU: PowerPC G4 866MHz or Intel Pentium® 1.83GHz Intel Core 2 Duo
- Min Memory: 512MB
- Min resolution 1024x768
- 24-bit color display monitor
- 1GB Min Disc Space
- Min QuickTime 7.4.5
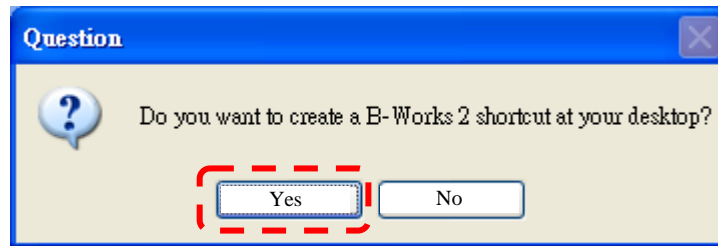
3.Install B-Works 2

3.1 in Windows XP/ Vista

⚠️ **<Very Important> To ensure successful installation, please make sure each of the following steps is completed**

1. Put the software CD-ROM into your computer
2. The software setup program will start automatically. Please select [Install B-Works 2] to start the installation progress
3. Read the description, and then press [NEXT]
4. Click [Setup.exe] to start the installation of B-Works 2
5. Follow the on-screen instruction, and then press **[Next]** to proceed the next step
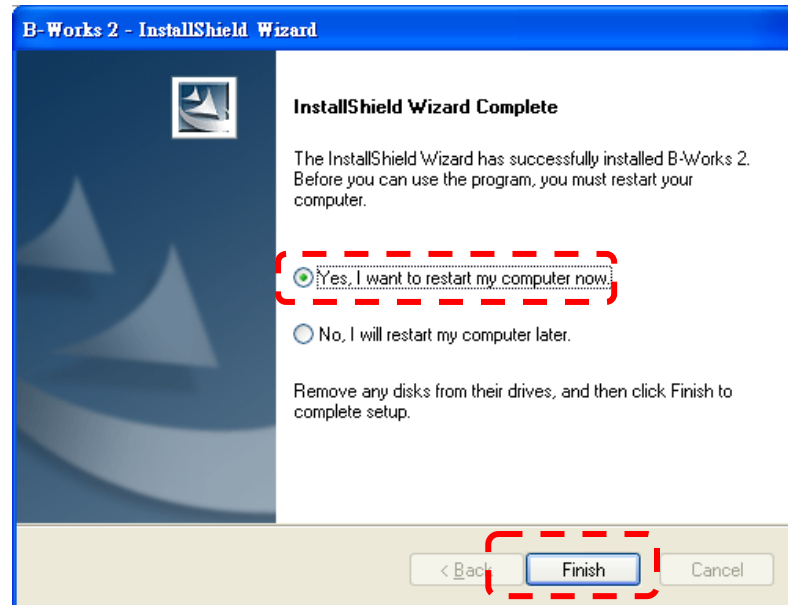
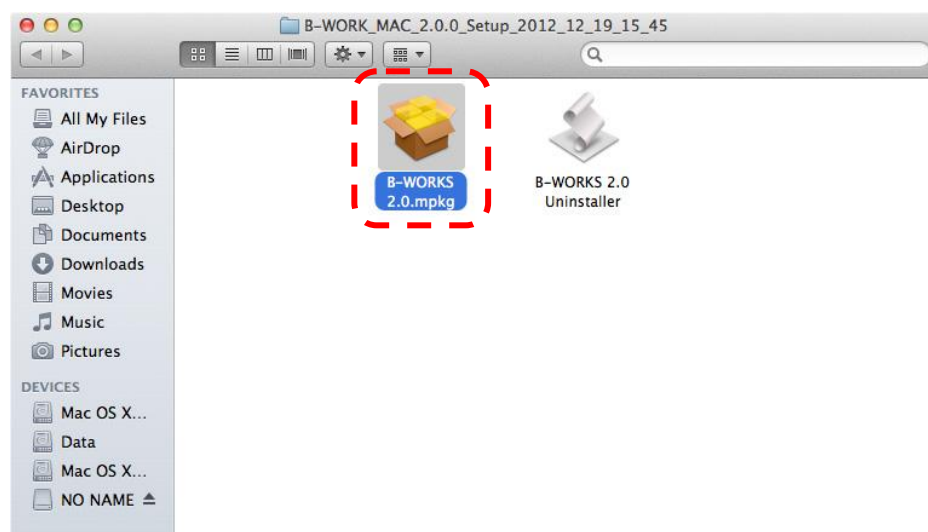6. Press **[Yes]** to create **B-Works 2** shortcut on your desktop

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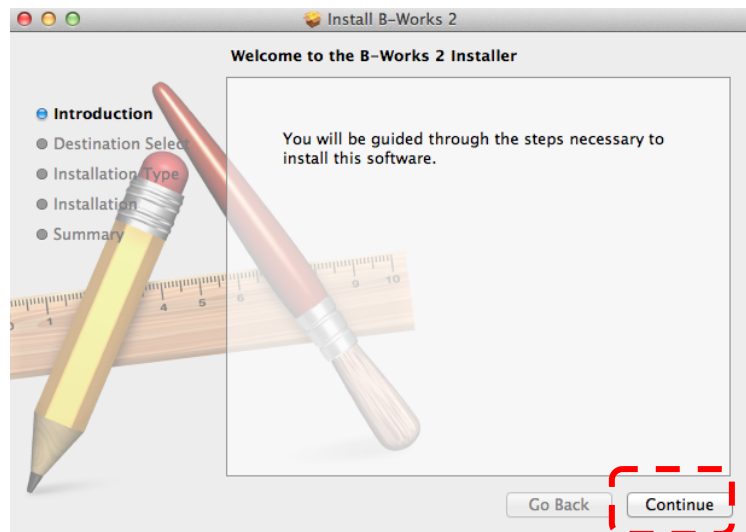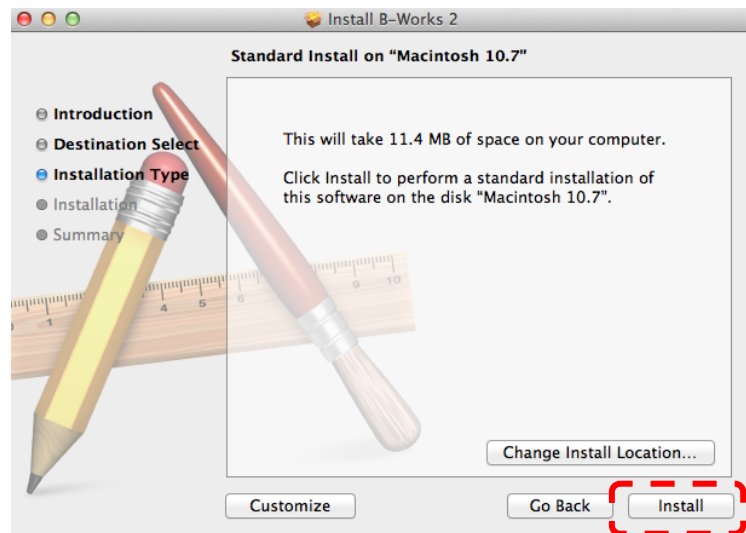

3.2 in MAC
1. Insert the software CD-ROM into the CD-ROM drive
2. Click on the CD icon
3. Select MAC folder and click **[B-Works 2]** to open the installation wizard and begin to install following the on-screen instruction
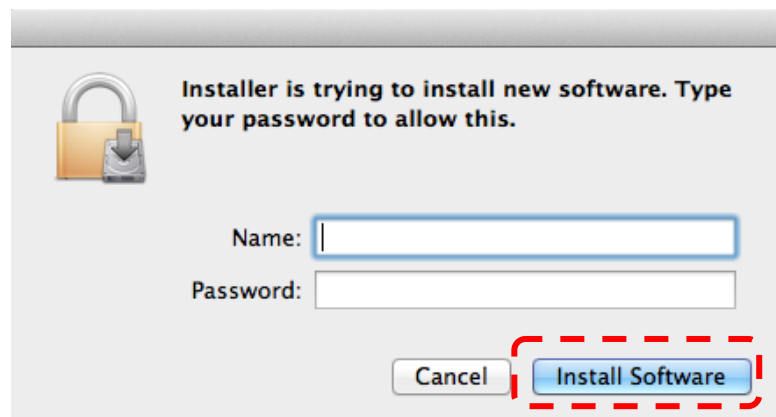
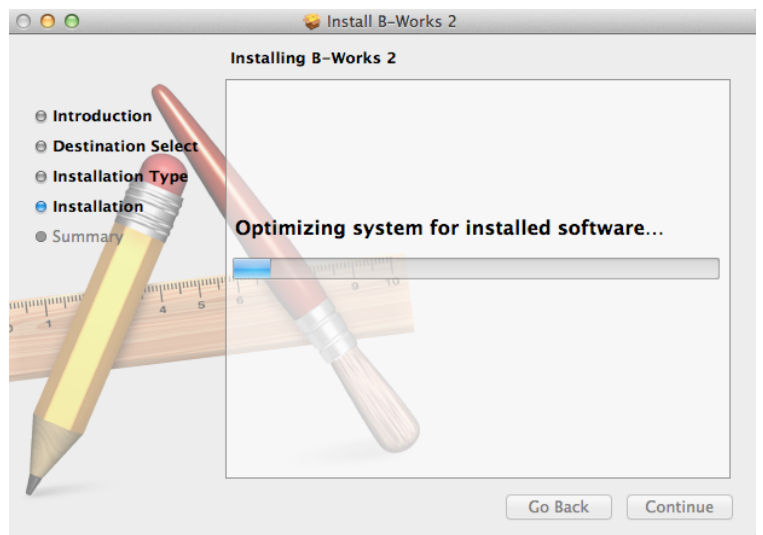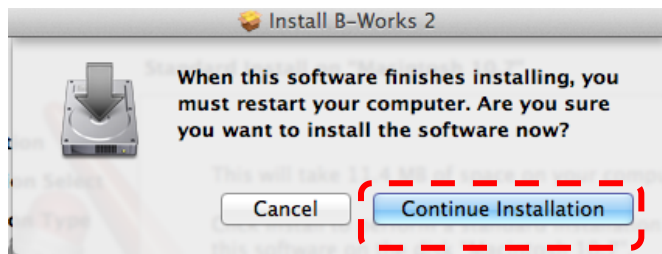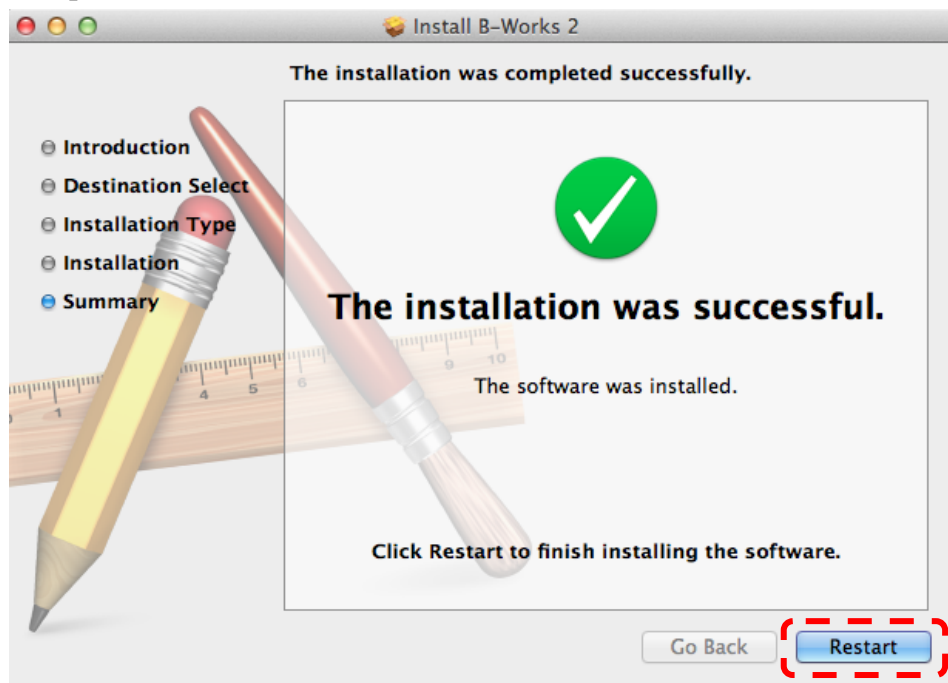4. Press **[Continue]**

5. Press **[Install]**

6. Type the Name and Password, and then press **[Install Software]**

7. Press **[Continue Installation]**

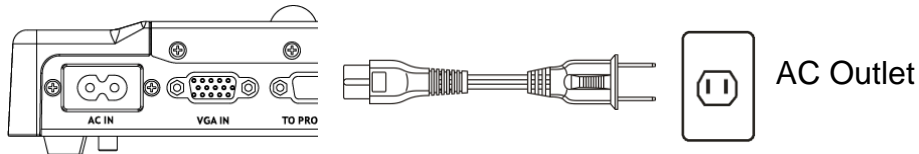8. Press **[Restart]** to finish the software installation
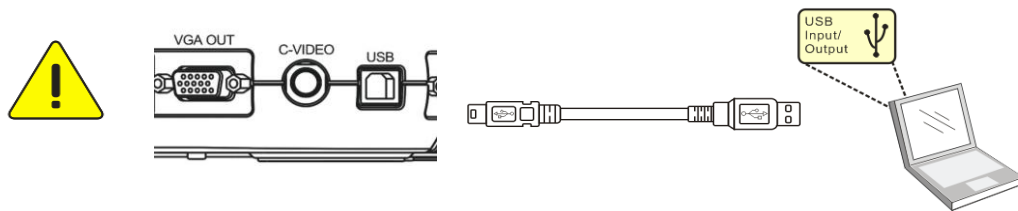
4. Connection to the Hardware

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

4.1. Connect the power cord of the Document Camera

AC Outlet

<Note> Appearance may vary depending on country/region

4.2. Connect USB cable to the Document Camera and your computer.

5. Start to Use B-Works 2

5.1. Double-click the **[B-Works 2]** icon on the desktop to activate B-Works 2

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

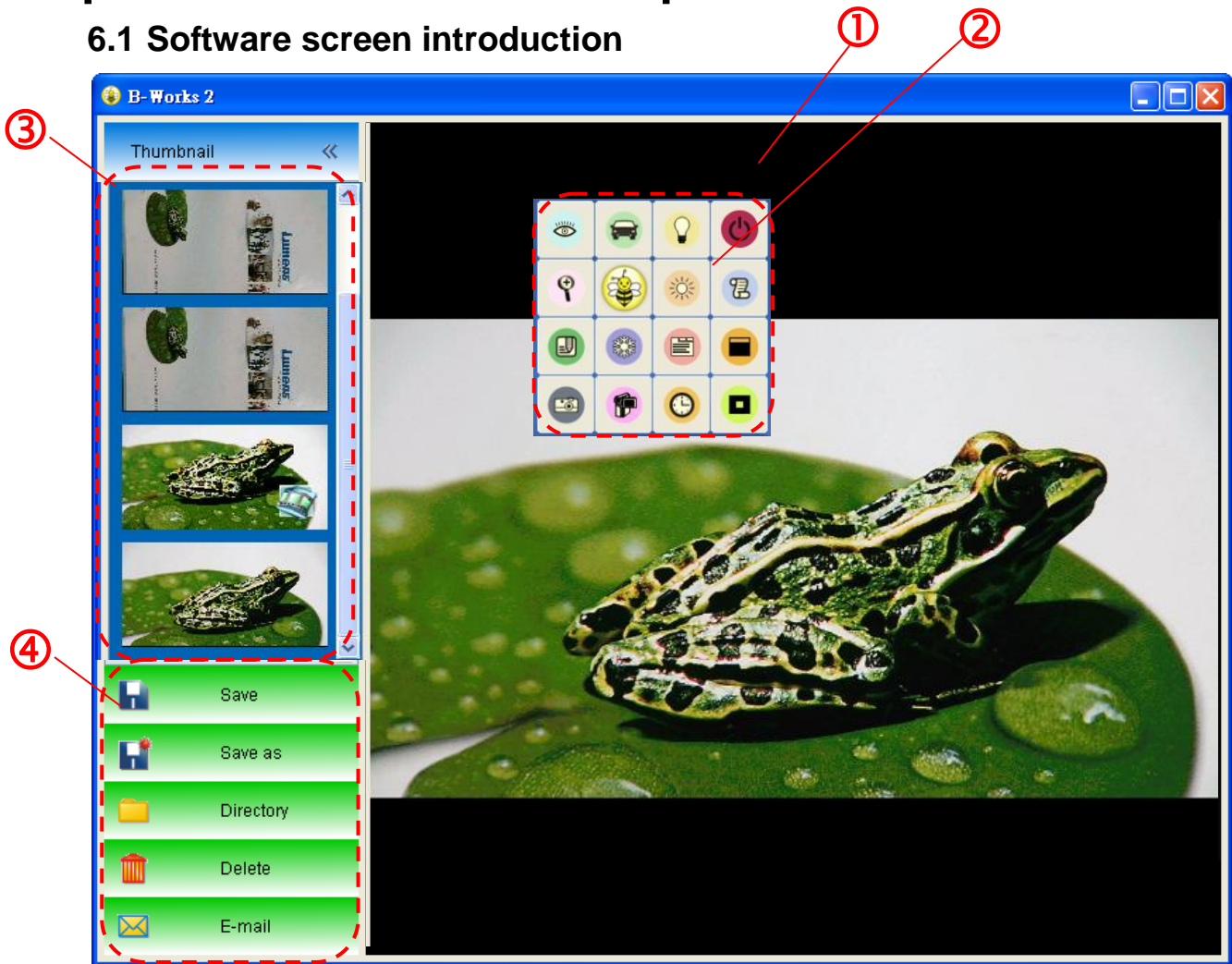5.3. Click **[PREVIEW]** icon to start the use

<Remark> Under MAC OS, if the Document Camera displays the message "The Disk was not ejected properly" after power-on, please press "OK".
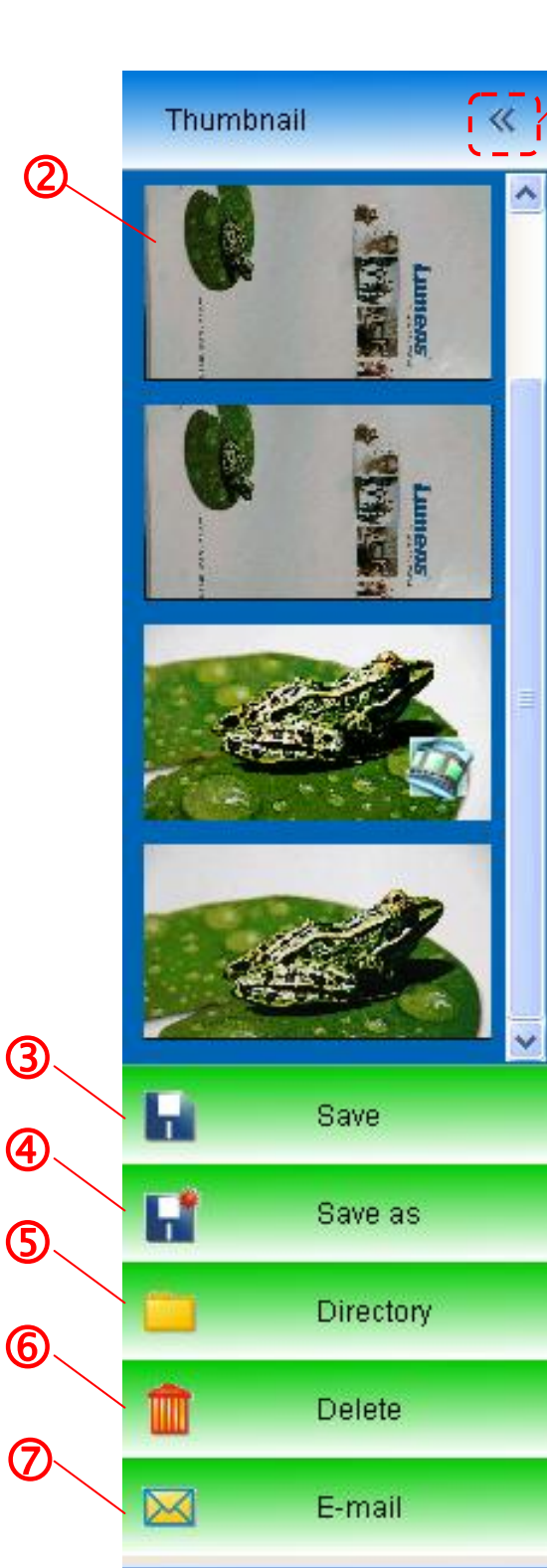
6. Operation Interface Description

6.1 Software screen introduction

1. Live image
2. Main menu
3. Thumbnail window
4. Menu for file management

6.2 Thumbnail (Saved image window)

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

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6.3 Main menu

POWER: Turn on/off the Document Camera		**LAMP:** Turn on/off the lamp	
AUTO TUNE: Automatically adjust the image to have the best brightness and focusing performance		**PREVIEW:** Display live images	
OPTIONS: Select image compression method and the audio source. Please refer to **6.6 Options** for the setting screen		**BRIGHTNESS:** Adjust the brightness of the image	
MAIN: Open the main functions menu. Right click on this icon to show information about the B-Works 2.		**ZOOM:** Increase or decrease the image size	
Mask Mode: Open the mask mode. Please refer to **7.10 I would like to use the mask mode**		**CAMERA SETTING:** Activate the Camera Settings window to adjust live images. Please refer to **6.5 Camera Settings** for the setting screen	
FREEZE: Freeze the live image		**ANNOTATION:** Open annotation tools. Please refer to **6.4 Annotation**	
Spotlight Mode: Open the spotlight mode. Please refer to **7.11 I would like to use the spotlight mode**		**TIME LAPSE CAPTURE:** Use the continuous mode and adjust the interval of automatic image capturing. Please refer to **7.4 I would like to capture images continuously**.	
RECORD: Record the current image		**CAPTURE:** Capture images	

6.4 Annotation Tools
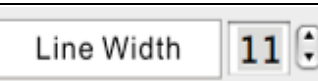
➢ Click [icon] to open annotation tools

➢ **For Windows' User Interface**
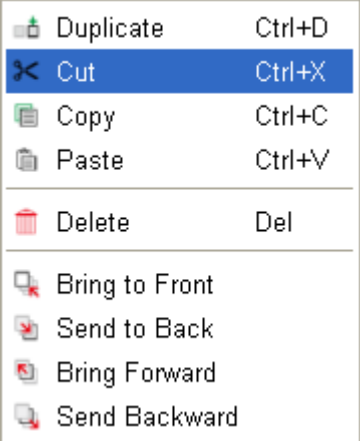
➢ **For MAC User Interface**
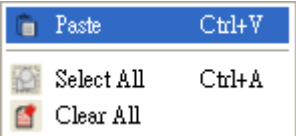
Icon	Description
[pointer]	Pointer tool
[laser]	Laser tool
A	Insert text
[eraser]	Eraser (Clear marks of free-hand drawing tool)
[line]	Draw a line
O	Draw an ellipse
□	Draw a rectangle
[trash]	Delete
[pencil]	Free-hand drawing tool
[back]	Back
[next]	Next
[clear]	Clear all
[color palette]	Select pen color
Line Width 11	Select the line width
0 1 2 3 4 5 6	Select transparency
Arial	Select the font
24	Select the font size

➤ Click the inverted triangle symbol on the drawing object

Duplicate Ctrl+D Cut Ctrl+X Copy Ctrl+C Paste Ctrl+V Delete Del Bring to Front Send to Back Bring Forward Send Backward	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 Ctrl+V Select All Ctrl+A Clear All	Paste: Paste the drawing object
	Select All: Select all the drawing objects
	Clear All: 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 Document Camera. Refer to the Document Camera 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

➢ **For Windows' User Interface**

➢ **For MAC User Interface**

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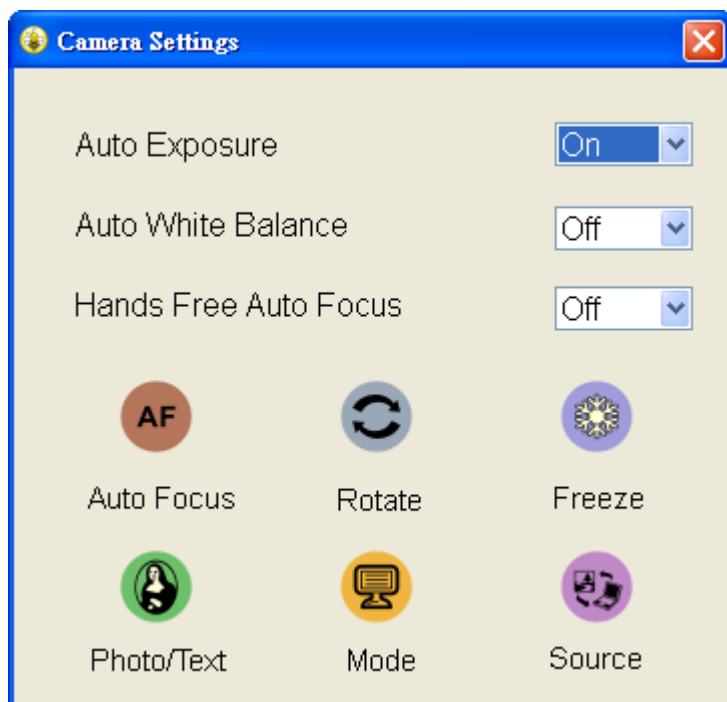
6.6 Options

Click **to open Options menu**
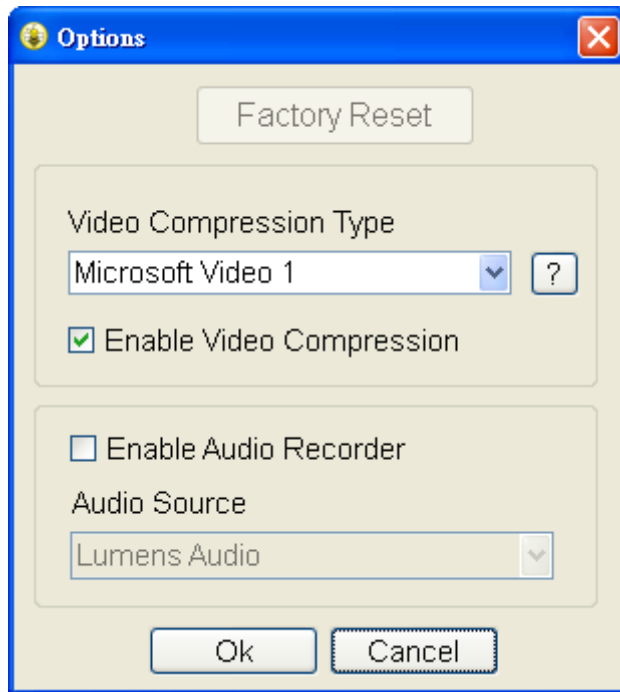
➢ **For Windows' User**   ➢ **For MAC User**
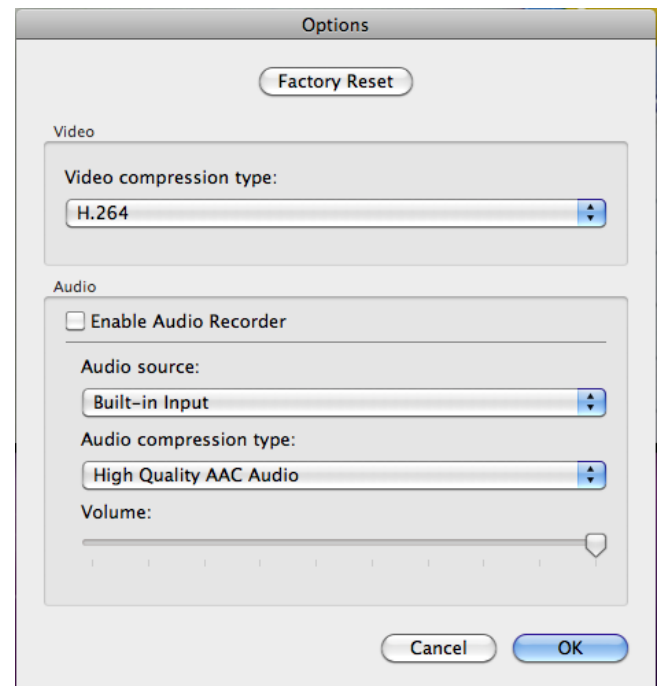
1. **Factory Reset:** Reset all configurations to factory default settings.

2. **Video Compression Type:** Set up the recording format

<Note> You need to enable the [Enable Video Compress] before setting in Windows OS.

3. **Enable Audio Recorder:** Enable the audio recorder and set the audio source

6.7 Time Lapse (Burst Settings)

Click 🕐 **to open Time Lapse menu**

➢ **For Windows' User**
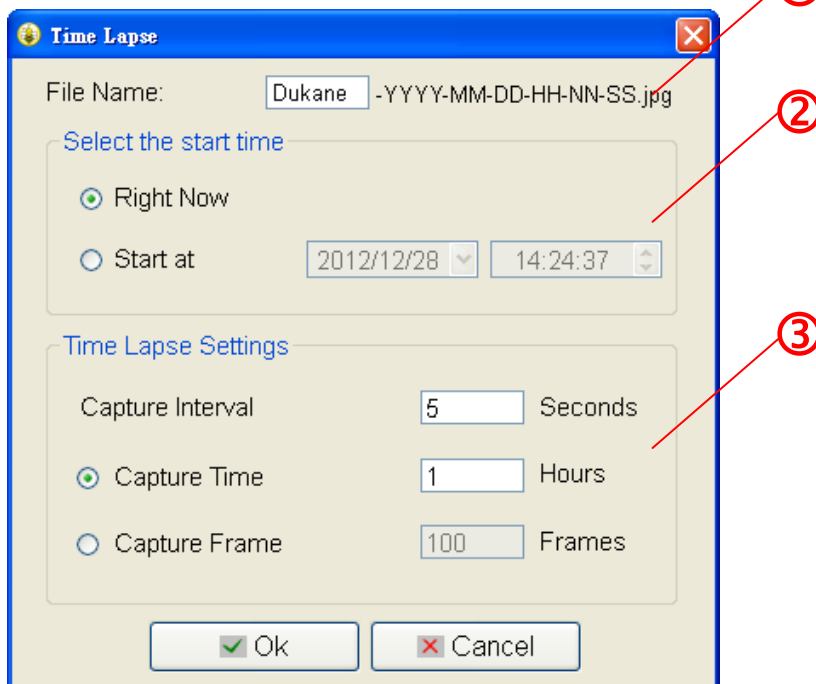
➢ **For MAC User**

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 Document Camera

➢ Click to turn on/off the power

\<Note\> When the machine is turned on, the light will flash. After shutdown, you cannot restart it until 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

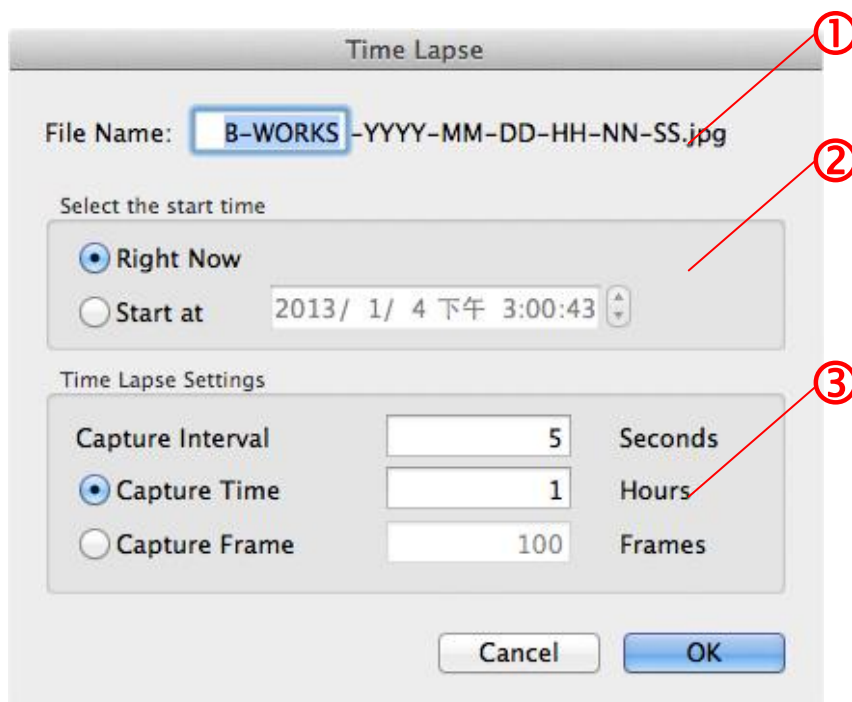➢ Click to capture images

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

7.4 I would like to capture images continuously

➢ Click to open continuous 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 B-Works 2

➢ Click once again to lift the freeze

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7.6   I would like to annotate the displayed image.

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

➢ Click to open the annotation tools

➢ Select an annotation tool

➢ Select pen color

➢ Select the line width
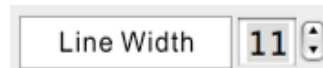
➢ Select transparency

➢ 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

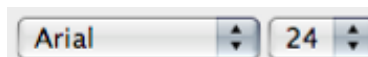➢ Click to open the annotation tools

➢ Select text color

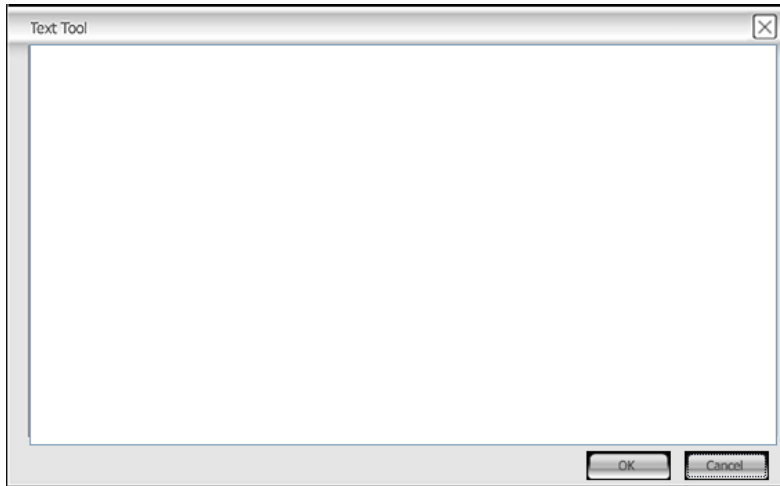➢ Select transparency

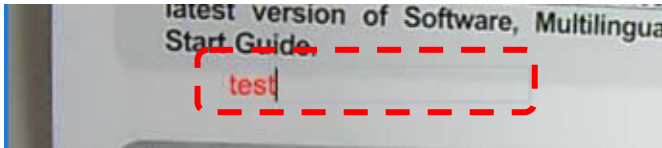➢ Select font and font size

➢ Select

For Windows OS

➢ Click the screen to display the [Text Tool] window
➢ Enter text in the blank area and press [OK]

For MAC OS

➢ Pull a block in the image to start entering text

<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" symbol on the upper right of the object to open the operation menu. Please refer to **6.4 Annotation** for the function descriptions of menu
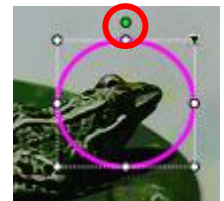
7.9 I would like to record images

➢ Press to open the recording tool.
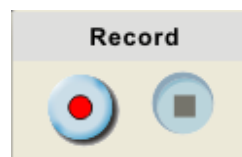
<Note> Click to open the setting window of image format and audio source. **Please refer to 6.6 Options for more information**

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➢ 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 spotlight mode

➢ Click to open spotlight 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 spotlight 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

➢ Enter 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 the 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

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