



Ladibug™ 3.0

**Document Camera Image Software
User Manual - English**

Table of Contents

1.	Introduction.....	3
2.	System Requirements	3
3.	Install Ladibug™	4
	3.1. Install with Windows Vista/7/8/10	4
	3.2. Install with MAC	6
4.	Connection to the Hardware.....	10
5.	Start to Use Ladibug™	10
	5.1. Use the USB cable to connect the camera to the computer.....	10
	5.2. Connect the Wireless Document Camera	11
	5.3. Use the image sharing server to connect to the computer and camera	12
6.	Operation Interface Description	14
	6.1. Windows interface	14
	6.2. MAC interface	23
7.	Function Descriptions - For Windows	32
	7.1 Turn on/off camera	32
	7.2 I would like to optimize the image	32
	7.3 I would like to freeze the live image	32
	7.4 I would like to turn on/off the lamp.....	32
	7.5 I would like to zoom in/out images	32
	7.6 I would like to adjust the brightness	32
	7.7 I would like to capture images.....	32
	7.8 I would like to capture images continuously	33
	7.9 I would like to record	33
	7.10 I would like to annotate the displayed image.....	33
	7.11 I would like to add textual annotation to images.....	34
	7.12 I would like to use the mask mode	35
	7.13 I would like to use the spotlight mode	35
	7.14 I would like to manage stored image.....	35
	7.15 I would like to change the operating languages of the software	36
	7.16 Change firewall settings	36

8.	Function Descriptions - For MAC	38
8.1	I would like to turn on/off camera	38
8.2	I would like to optimize the image	38
8.3	I would like to freeze the live image	38
8.4	I would like to turn on/off the lamp.....	38
8.5	I would like to zoom in/out images	38
8.6	I would like to adjust the brightness	38
8.7	I would like to capture images.....	38
8.8	I would like to capture images continuously	39
8.9	I would like to record	39
8.10	I would like to annotate the displayed image.....	39
8.11	I would like to add textual annotation to images.....	40
8.12	I would like to use the mask mode	40
8.13	I would like to use the spotlight mode	40
8.14	I would like to manage stored image.....	41
8.15	I would like to change the operating languages of the software	42
8.16	Change firewall settings	42
9.	Troubleshooting	44

1.Introduction

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

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

2.System Requirements

Windows Vista / 7 / 8 / 10

- Min CPU: Intel Core 2 Duo 2 GHz or above
- Min Memory: 1GB (32-bits)/2GB(64-bits) RAM
- Supporting Direct X 9 (WDDM 1.0 or later)
- Min Resolution 1024 x 768
- Min Hard Drive Space: 1GB

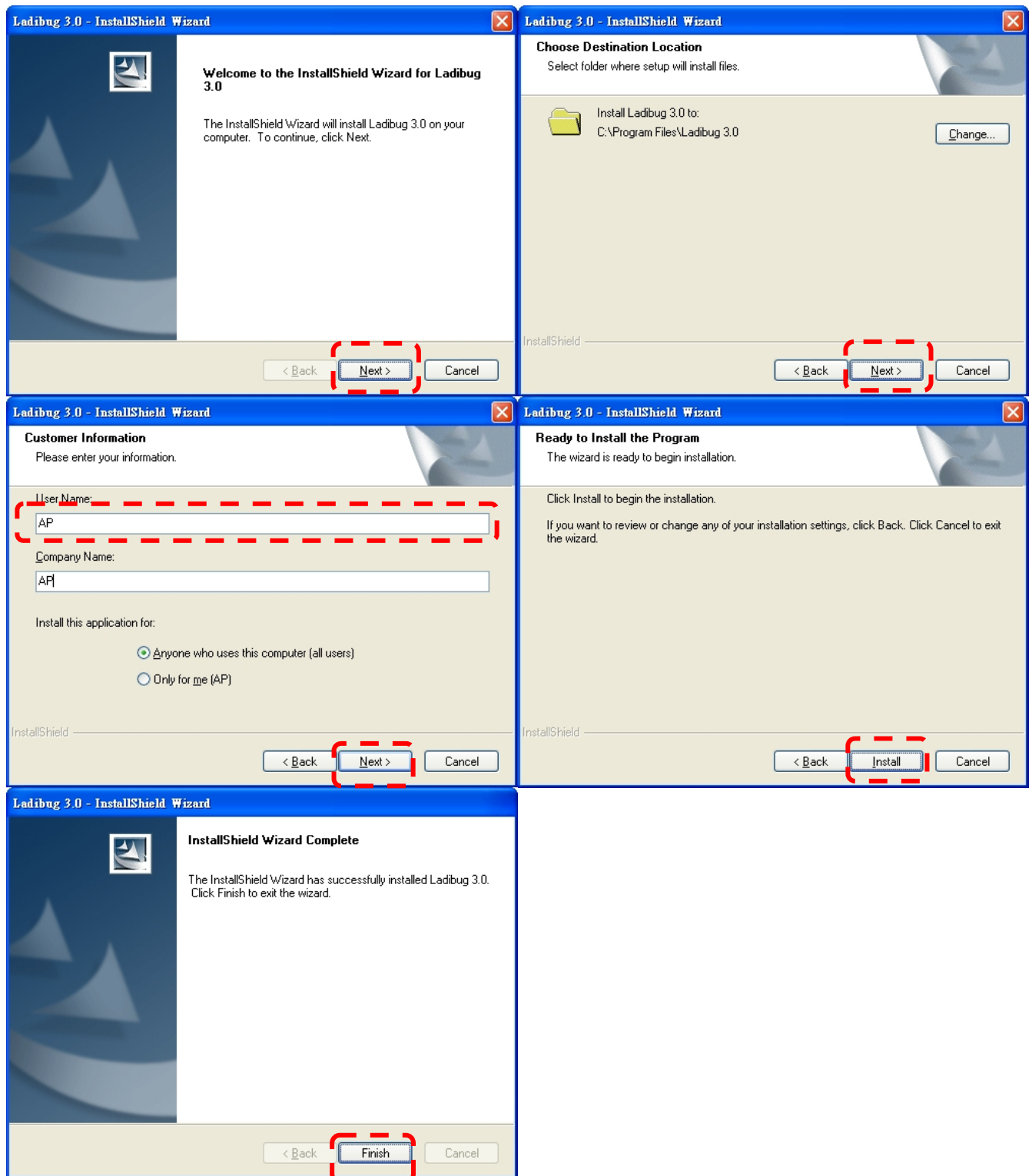
MAC OS X 10.7 / 10.8 / 10.9

- Min CPU: Intel Pentium® 2GHz Intel Core 2 Duo
- Min Memory: 1 GB DDR2 667 Hz RAM or above
- Min Resolution 1024 x 768
- 24-bit color display monitor
- Min Hard Drive Space: 1GB
- QuickTime 7.4.5 or above

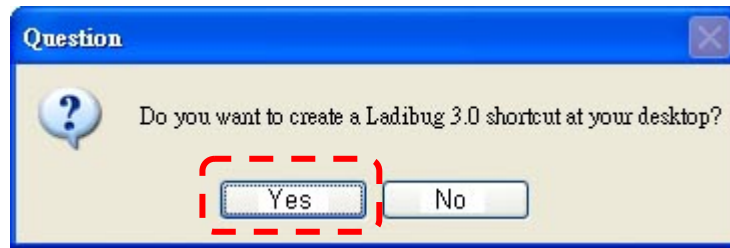
3. Install Ladibug™

3.1. Install with Windows Vista/7/8/10

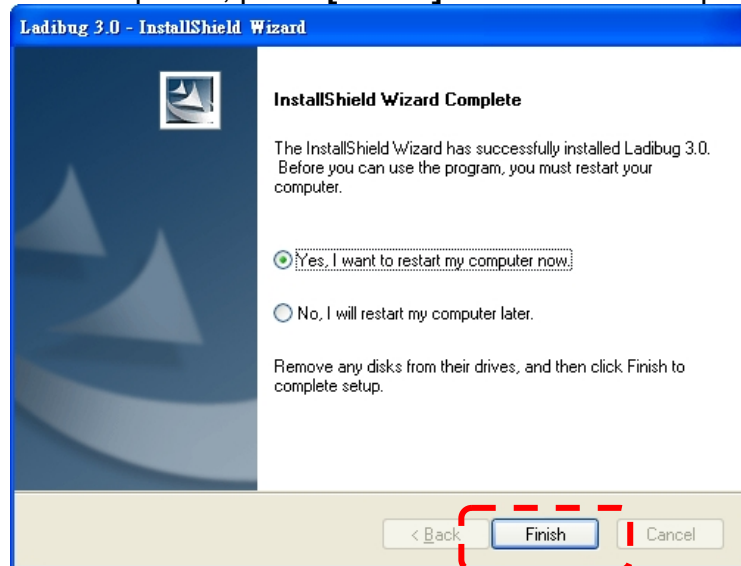
1. Please download **Ladibug™** software at **Lumens** website.
2. Extract the file downloaded and then click [**Ladibug**] to install.
3. The installation wizard will guide you through the process. Please follow the on-screen instructions and press [**Next**] for the next step.



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



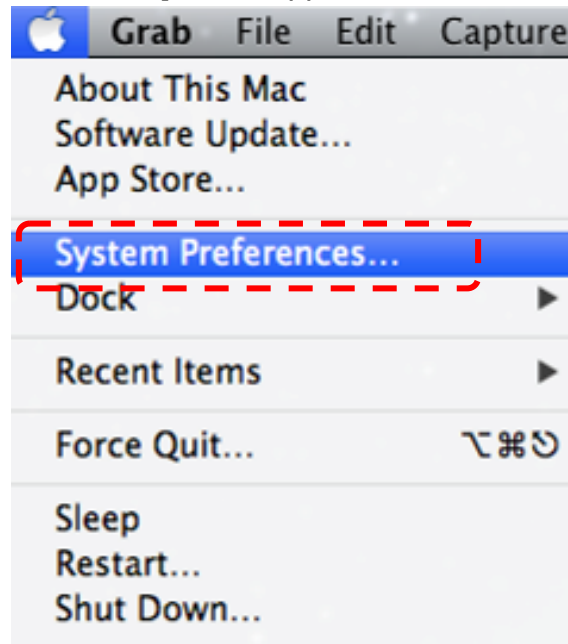
5. Once the installation is completed, press **[Finish]** to restart the computer.



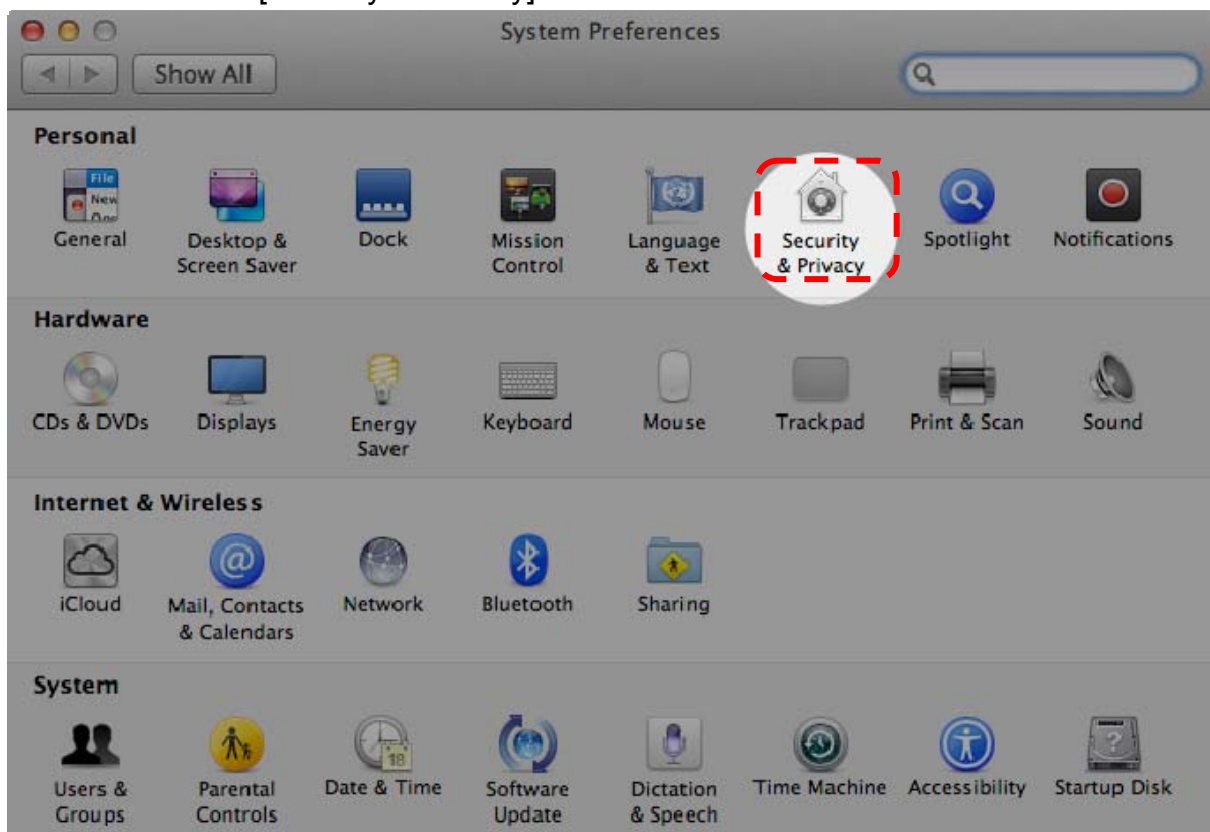
3.2. Install with MAC

1. Unlock software authentication: Due to the limitation of MAC system, please follow steps below to unlock software authentication. If unlocked, please skip to Step 2 to start the installation.

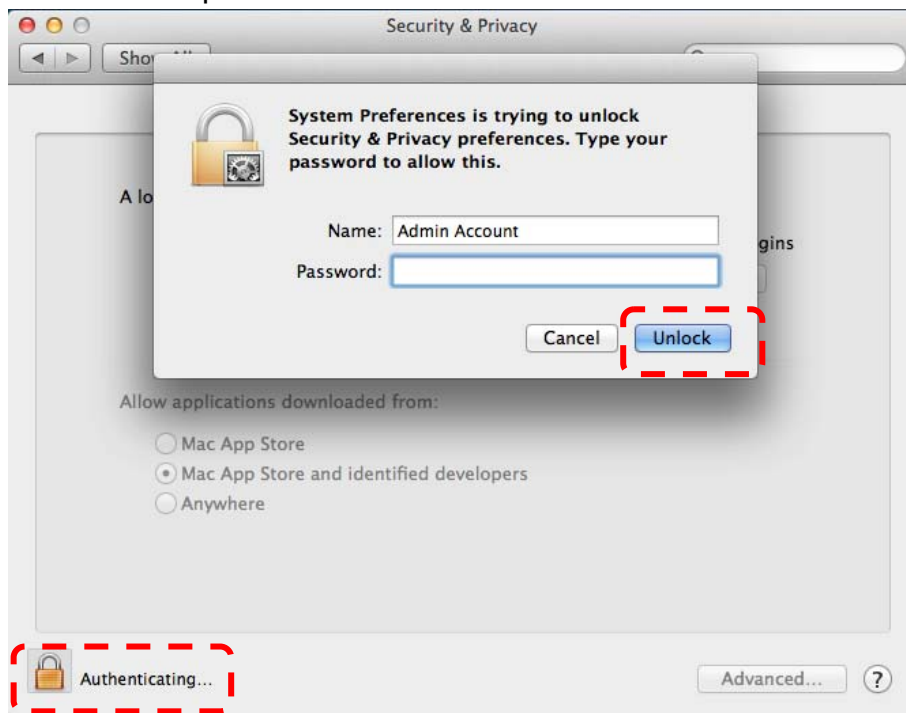
1.1 Select [System Preferences] in the Apple Menu.



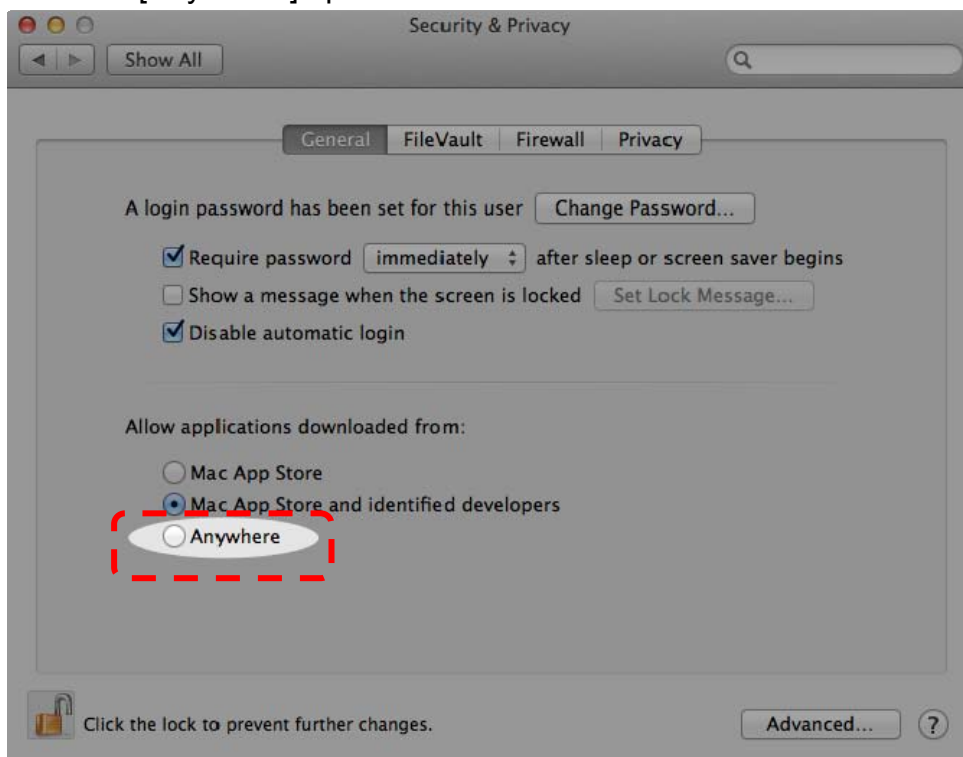
1.2 Click on the [Security & Privacy].



- 1.3 Click on the Authenticating icon on the lower left corner to unlock the panel, and enter the username and password of the Administrator.



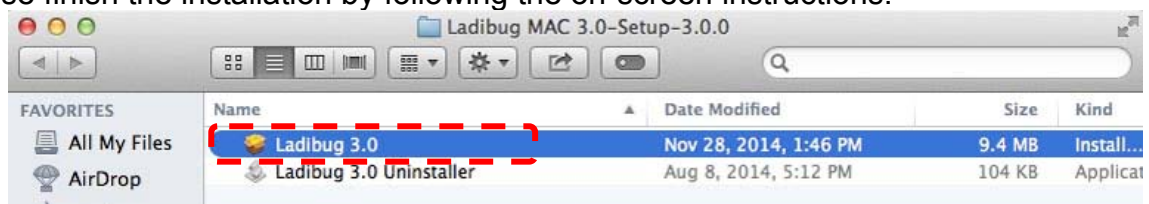
- 1.4 Click on the [Anywhere] option as shown below.



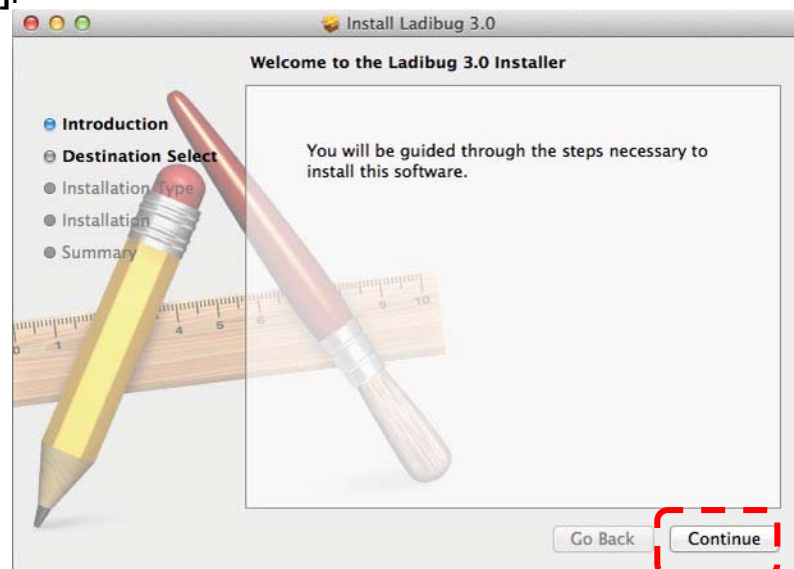
- 1.5 Select [Allow From Anywhere], and confirm not to proceed with the authentication. Upon completion, start the installation.



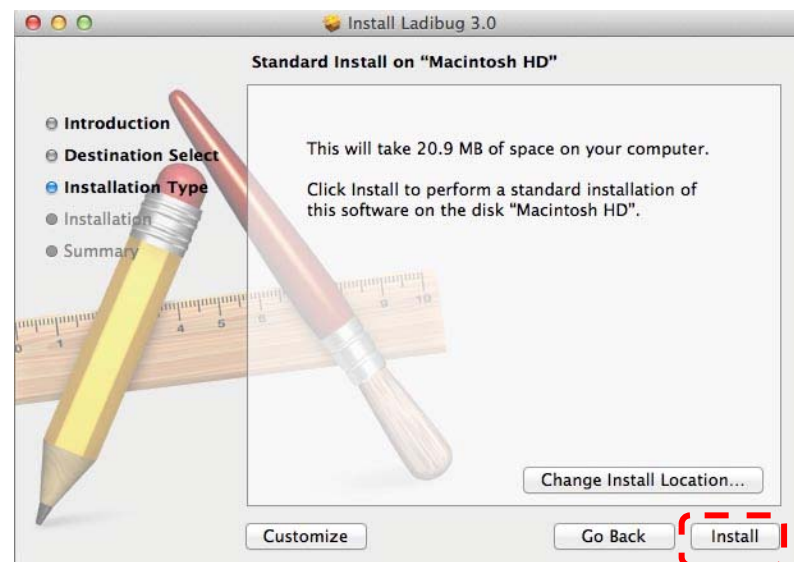
2. Please download **Ladibug™** software at **Lumens** website.
3. Extract the file downloaded and then click **[Ladibug]** to install.
4. Please finish the installation by following the on-screen instructions.



5. Click **[Continue]**.



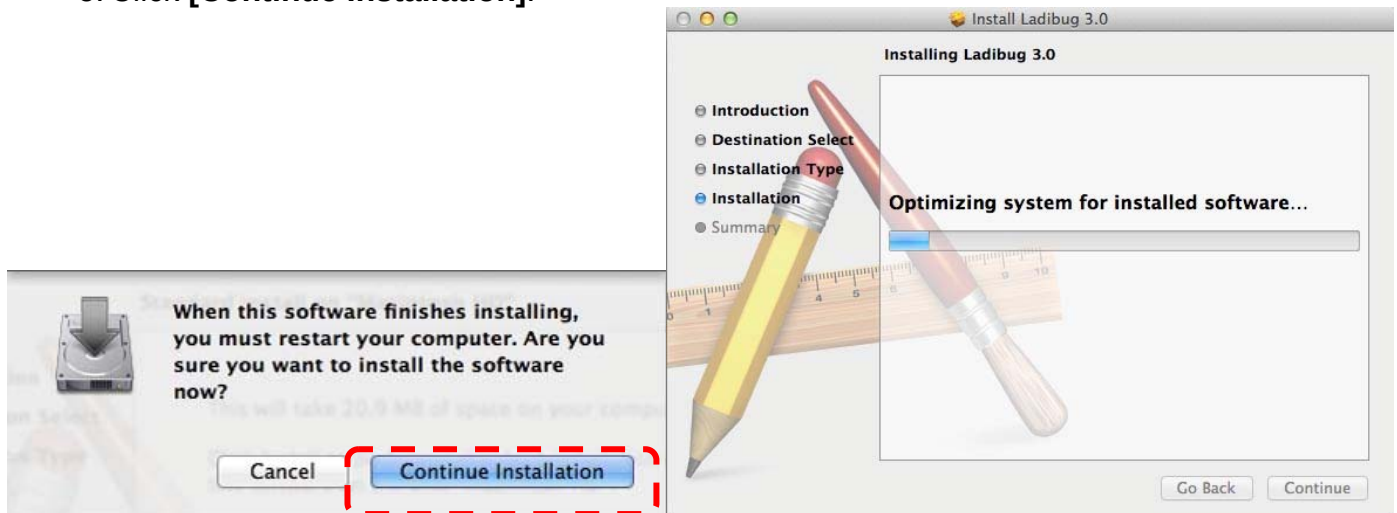
6. Click **[Install]**.



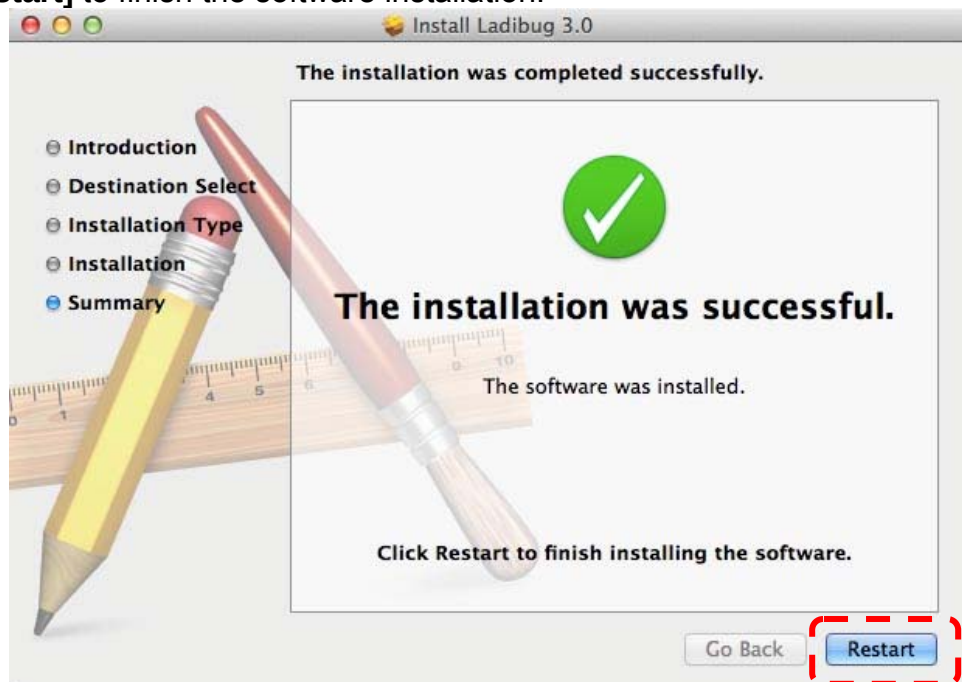
7. Enter the username and password, and then press **[Install software]**.



8. Click **[Continue Installation]**.



9. Press **[Restart]** to finish the software installation.

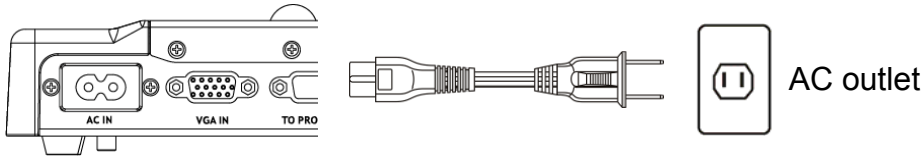


4. Connection to the Hardware



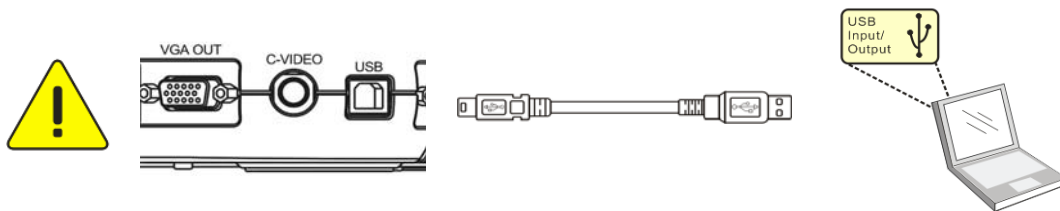
<Very Important> To ensure successful installation, please follow each of the following steps.

4.1. Connect the power cord of the Document Camera.



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

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



4.3. Turn on Power .

5. Start to Use Ladibug™

Instructions for connecting Ladibug to the camera are provided below:

5.1. Use the USB cable to connect the camera to the computer

5.1.1. Double-click the **[Ladibug]** icon to launch Ladibug™.



5.1.2. If firewall warning occurs in the first use, please check the **[LAN]** and then press **[Allow to Access]**.

- **Safety Alert:** Click **[Unblock]**.
- **POWER Frequency** setting page, please complete the settings following the instructions on the screen.

A live image is displayed when the setting is finished.

Note: You are advised to confirm the local voltage/frequency before setting the **POWER Frequency**. For example, 60 Hz is applicable for America, Taiwan, Japan, etc; 50 Hz is applicable for Europe or other regions.

5.1.3. Start Using.

Note: If no image is displayed, follow the instructions to establish a connection:

Click , open **[Search Window]**, and select **[USB Document Camera]**.

5.2. Connect the Wireless Document Camera

Firstly use this method to connect the computer to the Wireless Document Camera, for details please refer to [DC-W50 User Manual](#)

- **Equipment requirements**

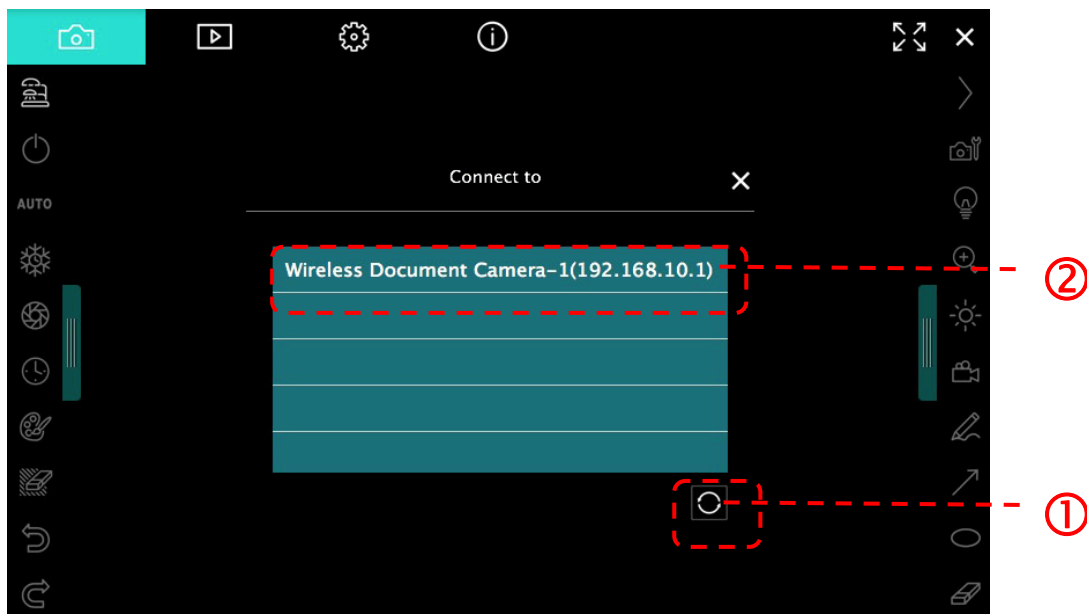
- One computer with WLAN Card
- One Wireless Document Camera

5.2.1. Double-click the [Ladibug] icon to launch Ladibug™.

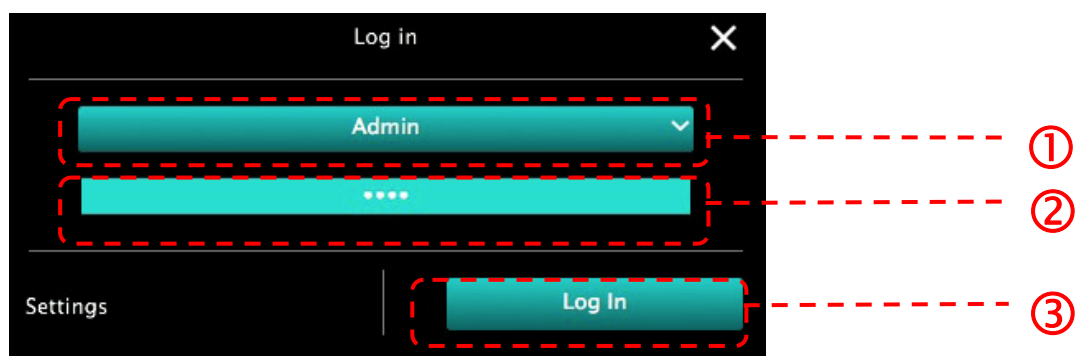


5.2.2. Click , open [Search Window], and select [Wireless Document Camera].

5.2.3. Click , and when completing searching, select one **Wireless Document Camera** in the list.



5.2.4. Select administrator (Admin) or viewer (Viewer) to log in, administrator shall enter the password [1234] (default)



5.2.5. Press [Log In] to connect and to start operation.

5.3. Use the image sharing server to connect to the computer and camera

Complete image sharing settings for the camera before implementing this method

- **Equipment requirements**
 - Two computers with Internet access
 - One camera

5.3.1. Turn on the image sharing function

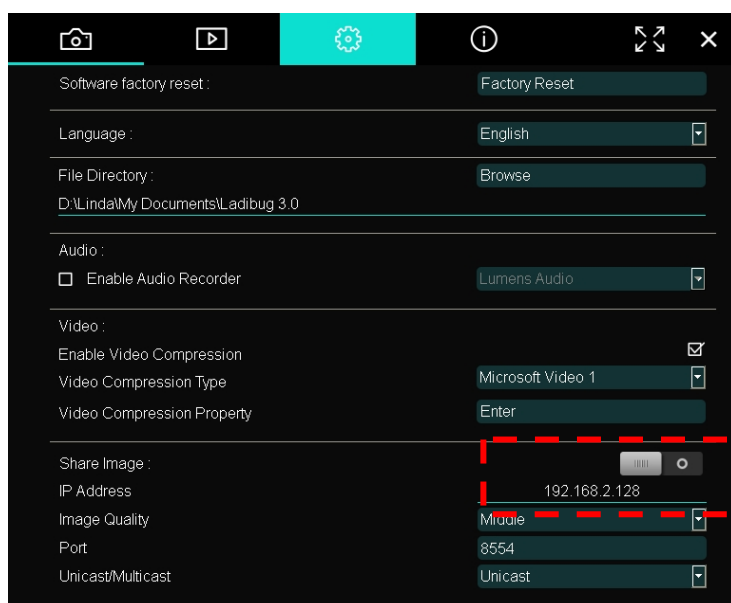
Connect one of the computers to the camera using a USB cable and turn on the image sharing function according to the following instructions:

To connect using a USB cable, please refer to [5.1 Use the USB cable to connect the camera to the computer](#)

- Click  to switch to the function settings page.
- Click **[Share Image]** to activate image sharing.

[Remark] Take note of the **server address for image sharing**, manually input the **address** on computers with different network segments to connect.

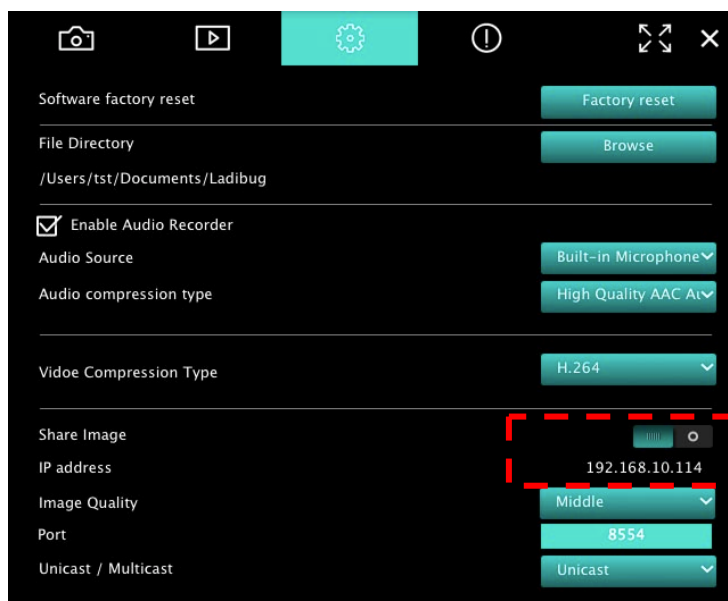
▼ Windows interface



Turn image sharing on/off

server address for image sharing

▼ MAC interface



Turn image sharing on/off

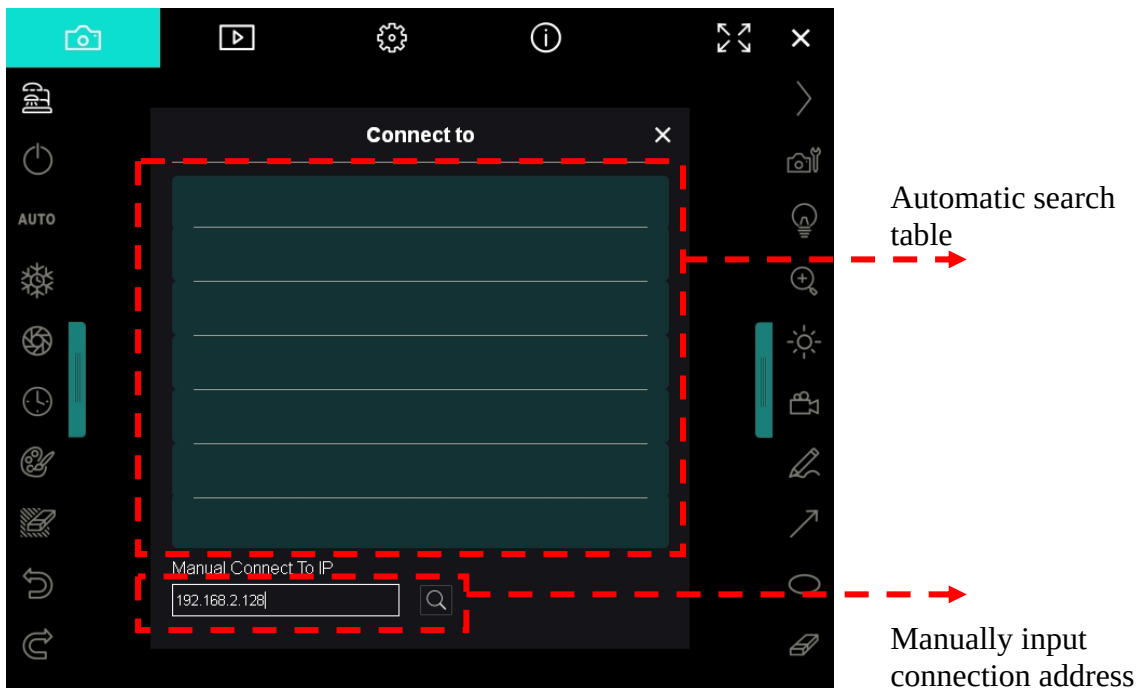
server address for image sharing

5.3.2. Connect to the image sharing server

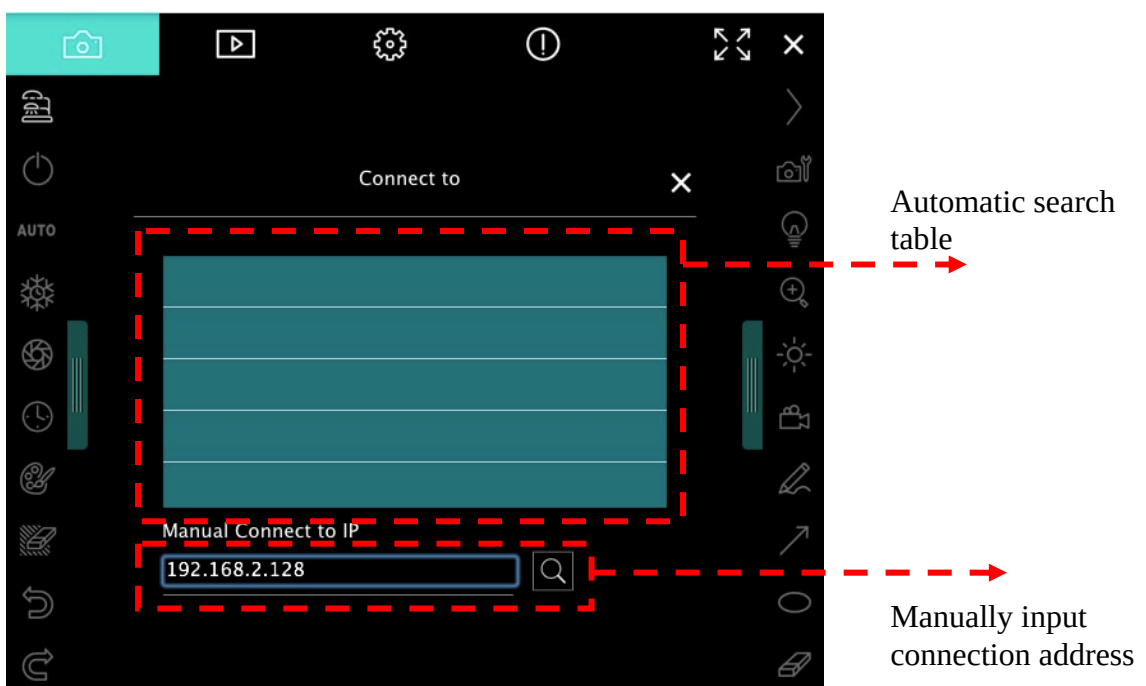
Use the Internet to connect the camera to the image sharing server through the following steps:

- Click  to open [Search Window].
- Select [Image Sharing Server].
- After automatic search is completed, select camera from the table to connect.
- If the camera does not appear on the table, manually input the IP address of the image sharing server (e.g. 192.168.2.128)
- Click  to connect

▼ Windows interface



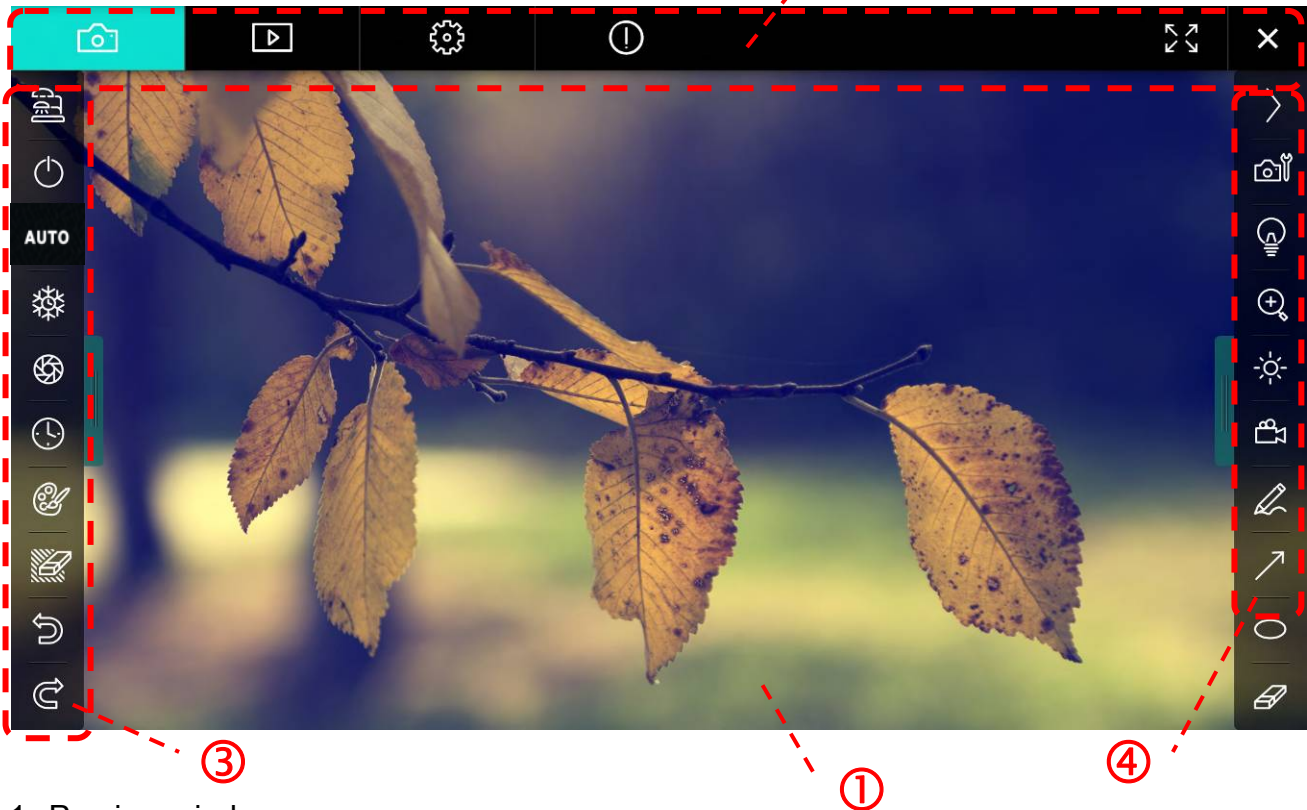
▼ MAC interface



6. Operation Interface Description

6.1. Windows interface

6.1.1. Windows Software Screen Introduction - Camera



1. Preview window

2. Page switch



Icon	Function Descriptions
	Real-time image
	Image browser page
	Function settings page
	Software information page
	Switch to Full Screen
	Disable Ladibug

3. Left function menu



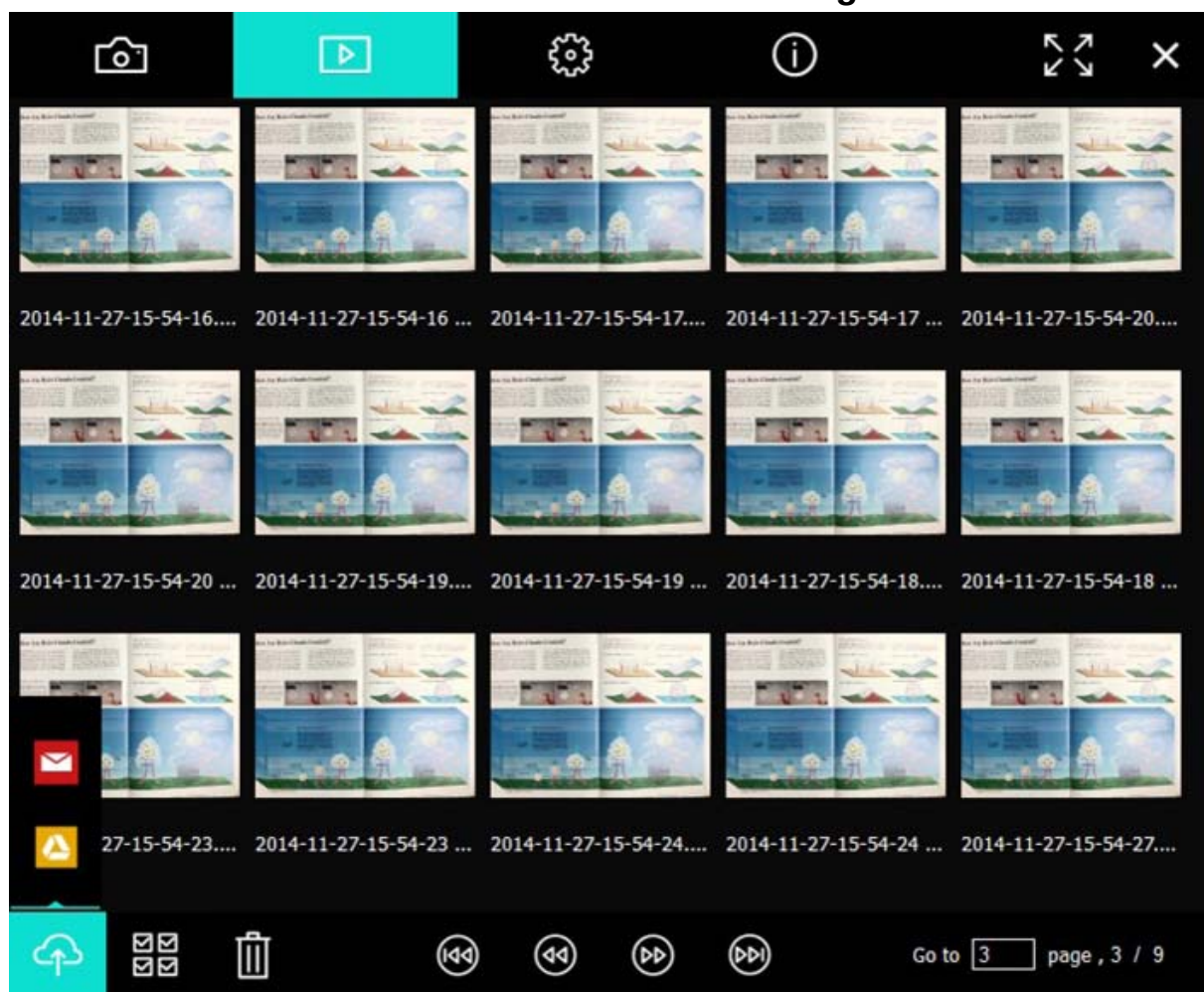
Icon	Function Descriptions
	Select the connection mode of camera
	Turn on/off the Document Camera (does not support USB models)
	Auto focus
	Freeze
	Capture
	Time Lapse
	Setting of annotation tool
	Eraser (Clear all the objects)
	Recover
	Redo
	Fold the menu

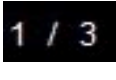
4. Right function menu



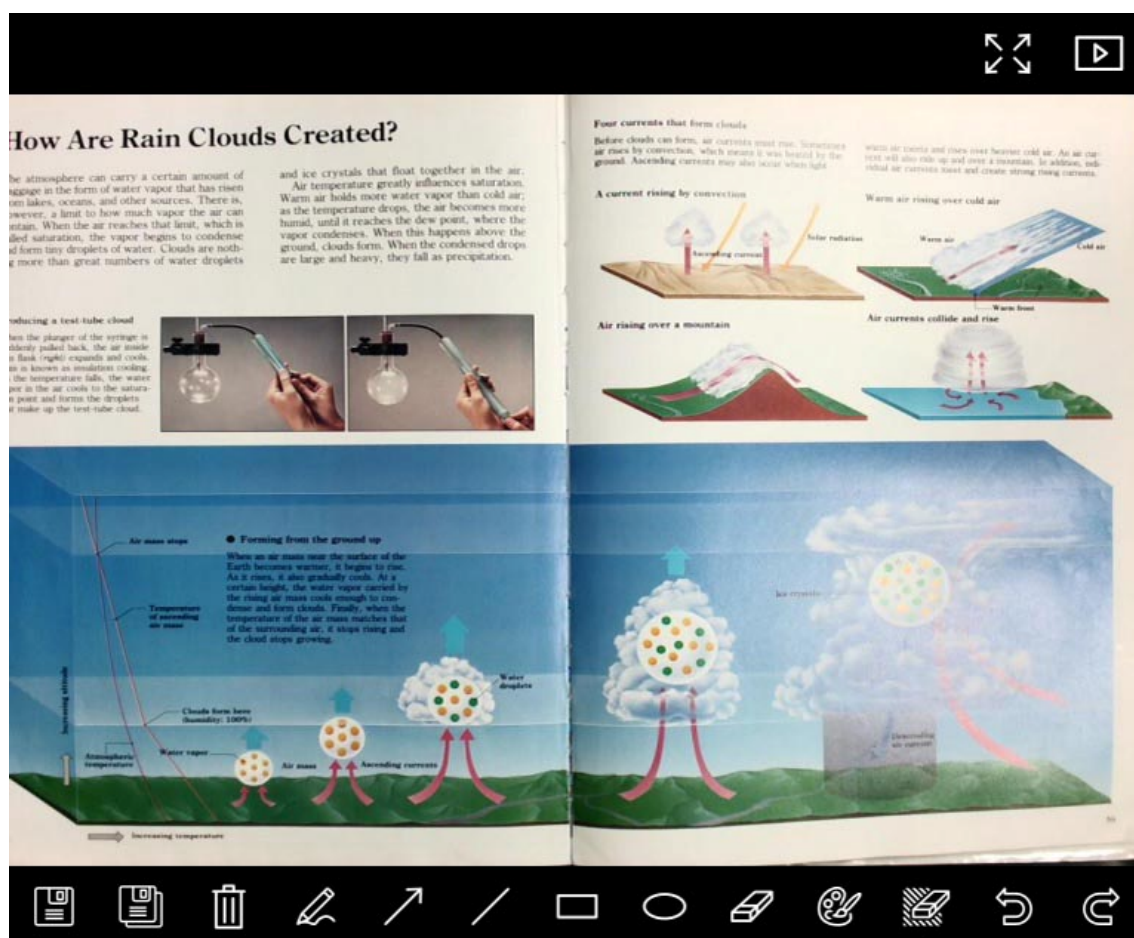
Icon	Function Descriptions
	Switch function menus
	Image setting
	Lamp On/Off
	Zooming in/out the image
	Brightness
	Recording; this function is not supported in Wireless mode and Share Image mode
	Free-hand drawing tool
	Arrow
	Circling tool
	Eraser
	Draw a rectangle
	Draw a line
	Edit text
	Mask Mode
	Spotlight Mode
	Fold the menu

6.1.2. Windows Software Screen Introduction - Image Browser Thumbnail



Icon	Function Descriptions	Icon	Function Descriptions
	Upload the file to the cloud		Move to the previous page
	Send e-mail		Move to the next page
	Upload to Google Drive		Move to the last page
	Select All		Move to a given page
	Delete		Current page/total number of pages
	Move to the first page		

6.1.3. Windows Software Screen Introduction - Large Picture Of Image Browser



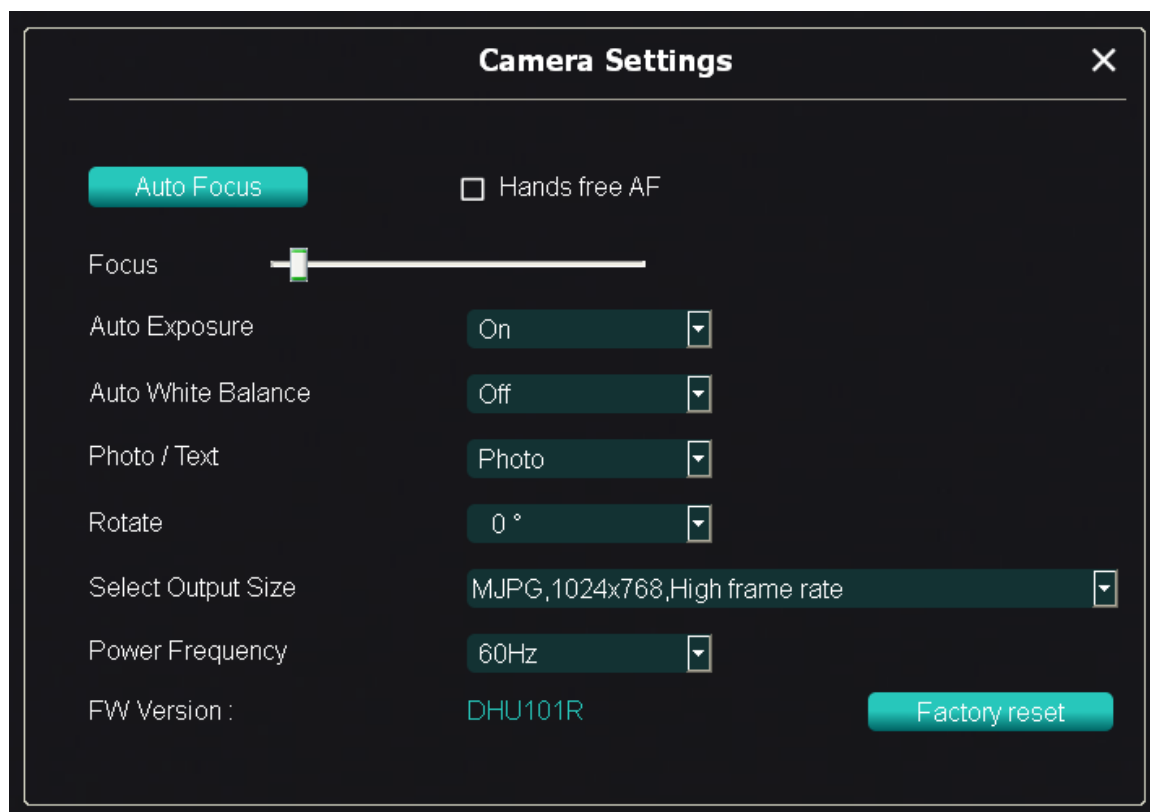
Icon	Function Descriptions	Icon	Function Descriptions
	Save files		Circling tool
	Save as a new file		Eraser
	Delete		Setting of annotation tool
	Free-hand drawing tool		Eraser (Clear all the objects)
	Arrow		Recover
	Draw a line		Redo
	Draw a rectangle		

6.1.4. 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.

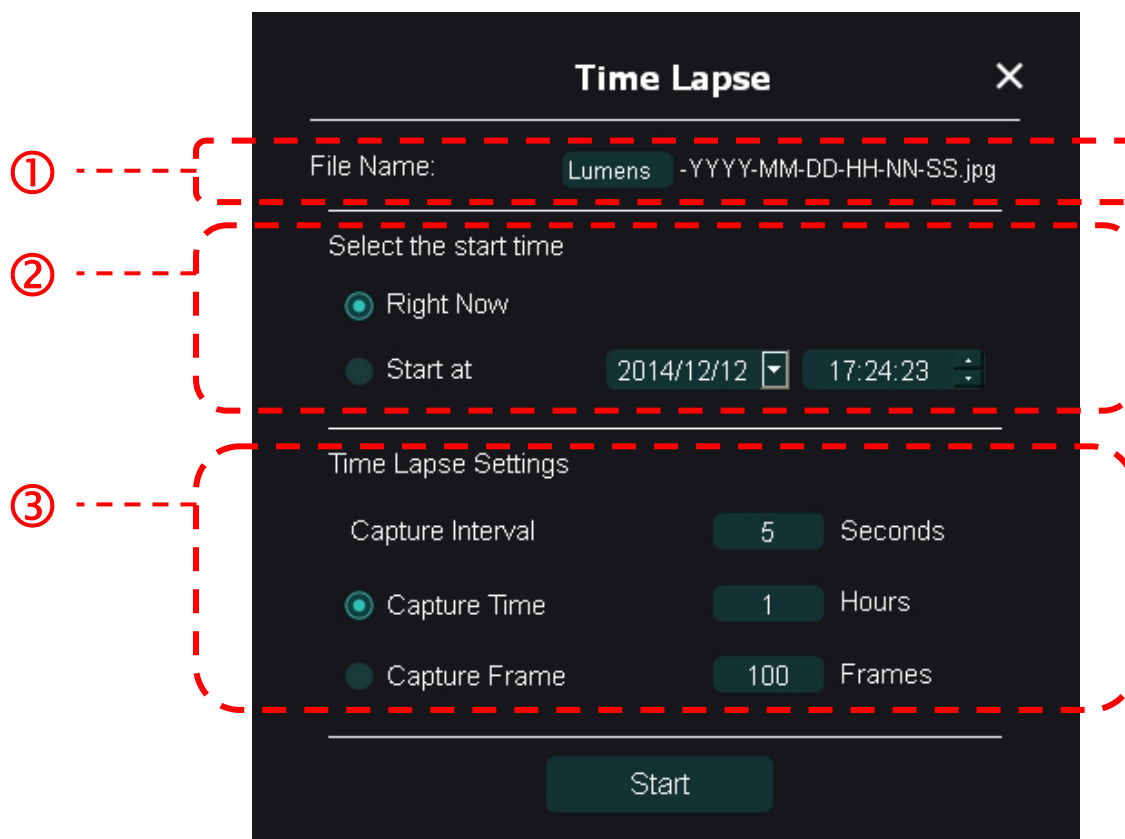
Click  to open Camera Settings interface



1. **Auto Focus:** Adjust the best focal length.
2. **Hands free AF:** Automatically adjust the best focal length.
3. **Focus:** Manually adjust focal length on an object.
4. **Auto Exposure:** Set on/off.
5. **Auto White Balance:** Set on/off.
6. **Photo/Text:** Set up Photo/Text mode.
7. **Rotate:** Rotate the image by 0/180 degree.
8. **Select Output Size:** Set output resolution.
9. **Power Frequency:** The power frequency may vary with countries. Please check it before using.
<Remark> In most parts of the world, it is 50 Hz. In the America, however, it is typically 60 Hz.
10. **FW Version:** FW version of the Document Camera.
11. **Factory Reset:** Reset the factory default of Document Camera; That is not supported for Wireless model.

6.1.5. Time Lapse (Burst Settings)

Click  to open Time Lapse menu



The screenshot shows the 'Time Lapse' menu with three numbered annotations in red dashed boxes:

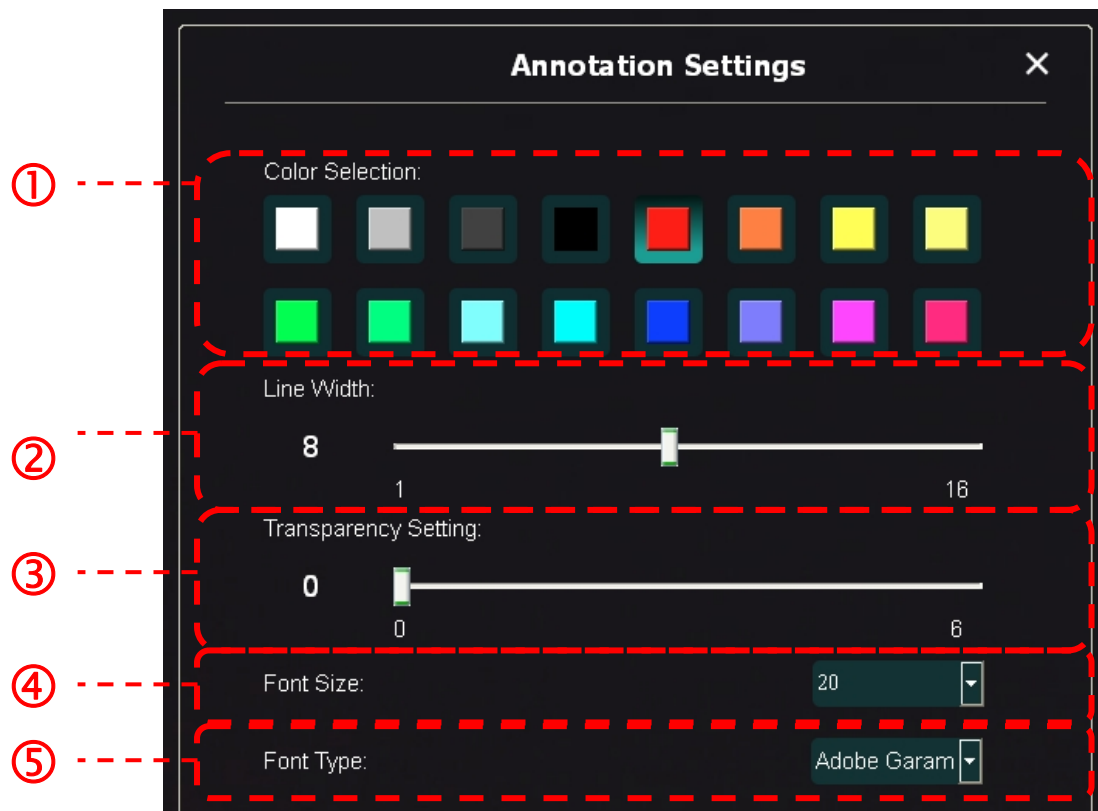
- ① File Name: Lumens -YYYY-MM-DD-HH-NN-SS.jpg
- ② Select the start time
 - ☒ Right Now
 - ☐ Start at 2014/12/12 17:24:23
- ③ Time Lapse Settings
 - Capture Interval 5 Seconds
 - ☒ Capture Time 1 Hours
 - ☐ Capture Frame 100 Frames

Start

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

6.1.6. Setting of annotation tool

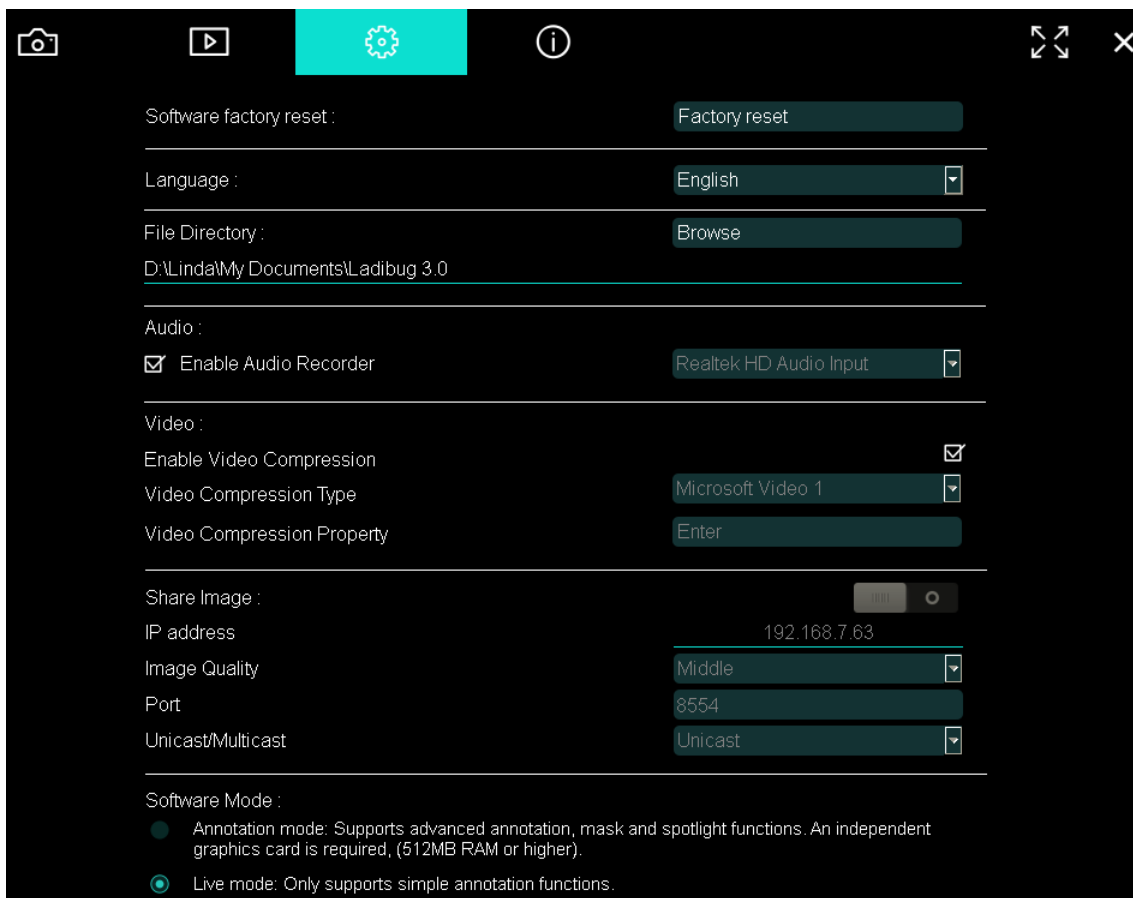
Click  to open the setting menu



1. Set the pen color
2. Select the line width
3. Select the font size
4. Select the font

6.1.7. Setting (Advanced)

Click  to open the setting menu



Software factory reset :

Language :

File Directory :
D:\Linda\My Documents\Ladibug 3.0

Audio :
☒ Enable Audio Recorder

Video :
Enable Video Compression ☒
Video Compression Type
Video Compression Property

Share Image : ☐

IP address

Image Quality

Port

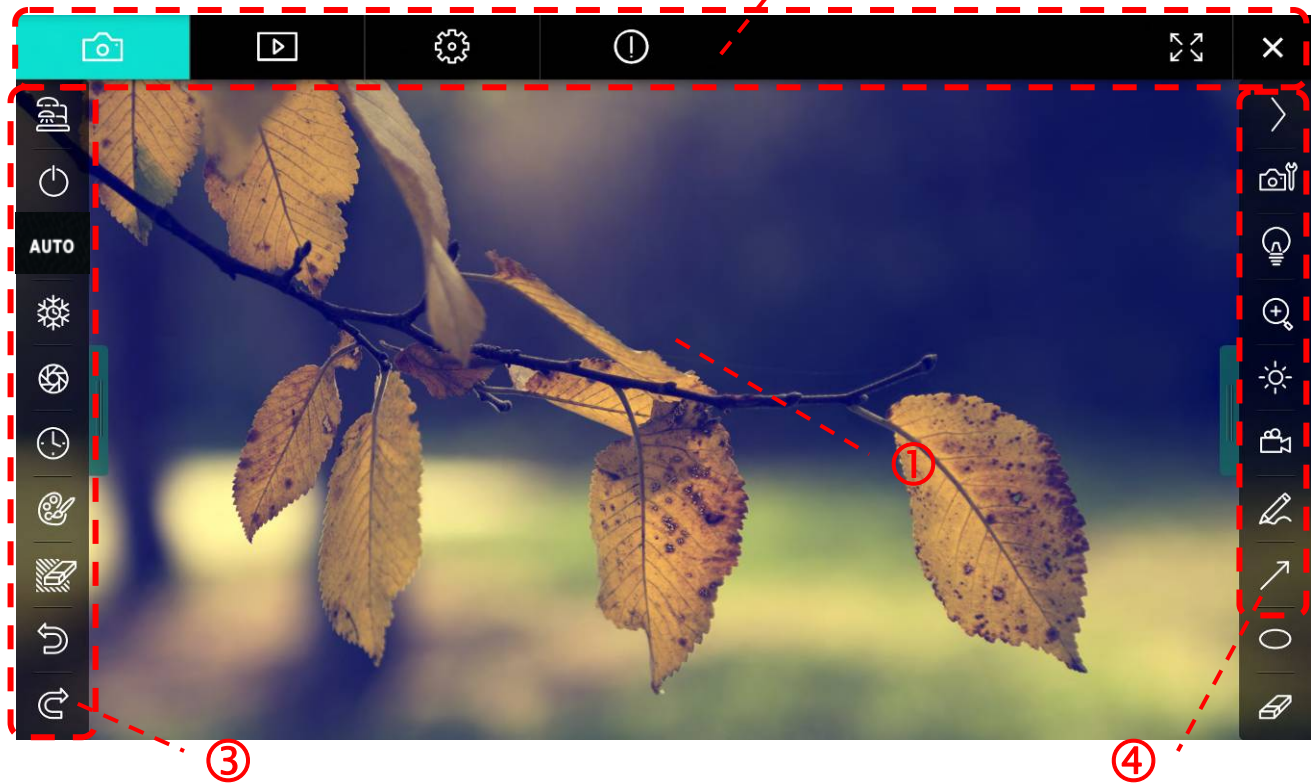
Unicast/Multicast

Software Mode :
☐ Annotation mode: Supports advanced annotation, mask and spotlight functions. An independent graphics card is required, (512MB RAM or higher).
☒ Live mode: Only supports simple annotation functions.

1. **Software Factory Reset:** Reset to the default value.
2. **Language:** Select language.
3. **File Directory:** File storage path.
4. **Enable Audio Recorder:** Activate recording function and select audio output device.
5. **Enable Video Compression:** Activate video compression.
6. **Video Compression Type:** Set video compression format.
7. **Video Compression Property:** Open the advanced settings for video compression format.
8. **Share Image:** Share Image; this function is not supported in Wireless mode.
9. **IP Address:** Server IP address for image sharing.
10. **Image Quality:** Select image quality (high/medium/low).
11. **Port:** Enter port settings (8500 ~ 9000).
12. **Unicast/Multicast:** Select cast type.
13. **Software Mode:** Change the use mode to Live mode / Annotation mode according to the needs.

6.2. MAC interface

6.2.1. MAC Software Screen Introduction - Camera



1. Preview window

2. Page switch



Icon	Function Descriptions
	Real-time image
	Image browser page
	Function settings page
	Software information page
	Switch to Full Screen
	Disable Ladibug

3. Left function menu



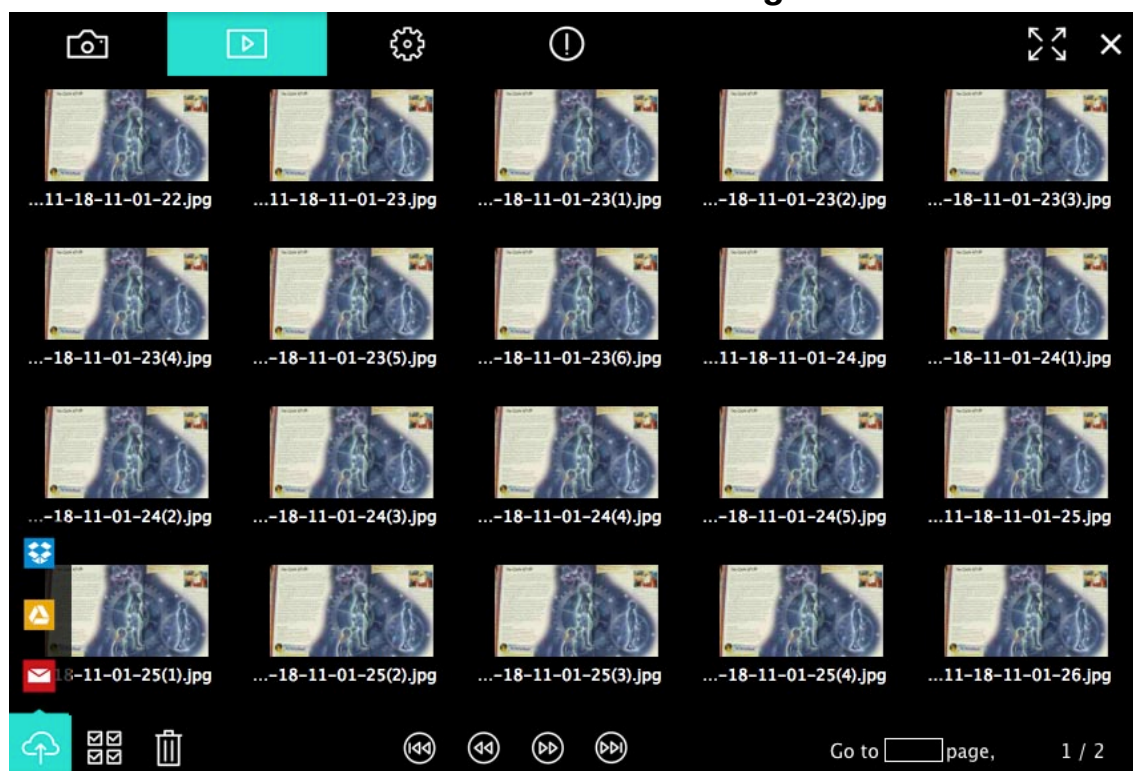
Icon	Function Descriptions
	Select the connection mode of camera
	Turn on/off the Document Camera (does not support USB models).
	Auto focus
	Freeze
	Capture
	Time Lapse
	Setting of annotation tool
	Eraser (Clear all the objects)
	Recover
	Redo
	Fold the menu

4. Right function menu



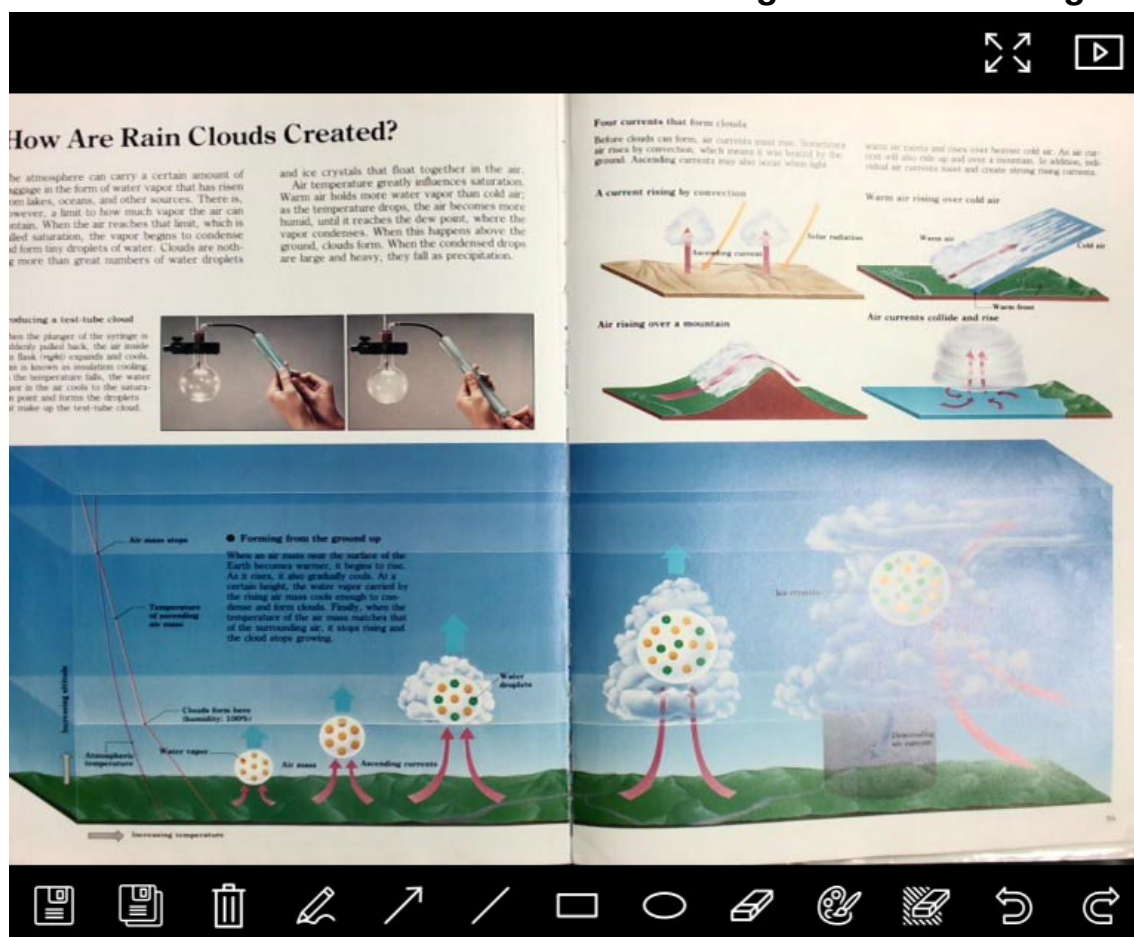
Icon	Function Descriptions
	Switch function menus
	Image setting
	Lamp On/Off
	Zooming in/out the image
	Brightness
	Recording; this function is not supported in Wireless mode and Share Image mode.
	Free-hand drawing tool
	Arrow
	Circling tool
	Eraser
	Draw a rectangle
	Draw a line
	Edit text
	Mask Mode
	Spotlight Mode
	Fold the menu

6.2.2. MAC Software Screen Introduction - Image Browser Thumbnail



Icon	Function Descriptions	Icon	Function Descriptions
	Upload the file to the cloud		Move to the first page
	Send e-mail		Move to the previous page
	Upload to Google Drive		Move to the next page
	Upload to Dropbox		Move to the last page
	Select All		Move to a given page
	Delete		Current page/total number of pages

6.2.3. MAC Software Screen Introduction - Large Picture Of Image Browser



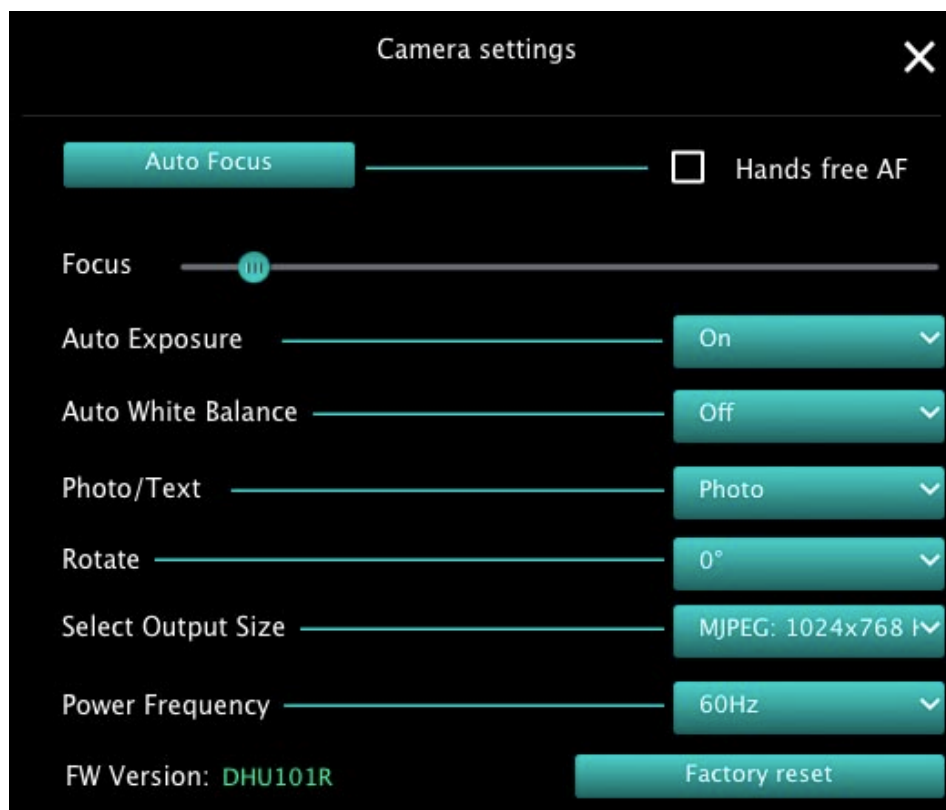
Icon	Function Descriptions	Icon	Function Descriptions
	Save files		Circling tool
	Save as a new file		Eraser
	Delete		Setting of annotation tool
	Free-hand drawing tool		Eraser (Clear all the objects)
	Arrow		Recover
	Draw a line		Redo
	Draw a rectangle		

6.2.4. 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.

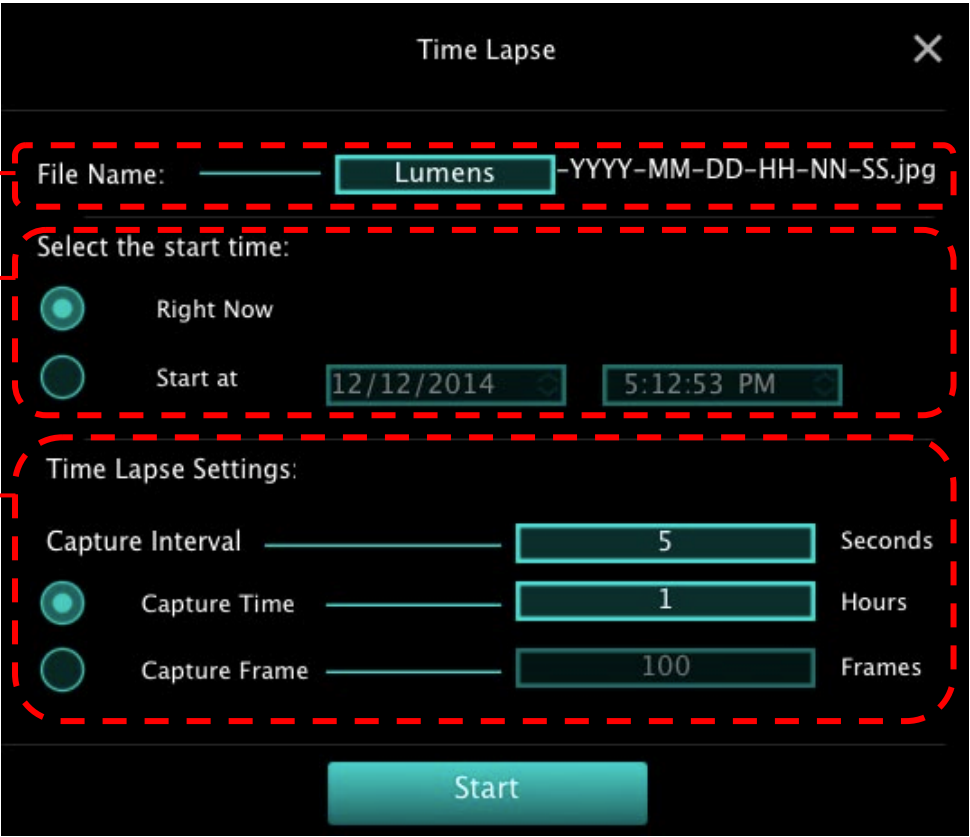
Click  to open Camera Settings interface



1. **Auto Focus:** Adjust the best focal length.
2. **Hands free AF:** Automatically adjust the best focal length.
3. **Focus:** Manually adjust focal length on an object.
4. **Auto Exposure:** Set on/off.
5. **Auto White Balance:** Set on/off.
6. **Photo/Text:** Set up Photo/Text mode.
7. **Rotate:** Rotate the image by 0/180 degree.
8. **Select Output Size:** Set output resolution.
9. **Power Frequency:** The power frequency may vary with countries. Please check it before using.
<Remark> In most parts of the world, it is 50 Hz. In the America, however, it is typically 60 Hz.
10. **FW Version:** FW version of the Document Camera.
11. **Factory Reset:** Reset the factory default of Document Camera; That is not supported for Wireless model.

6.2.5. Time Lapse (Burst Settings)

Click  to open Time Lapse menu



The screenshot shows the 'Time Lapse' menu with three numbered annotations:

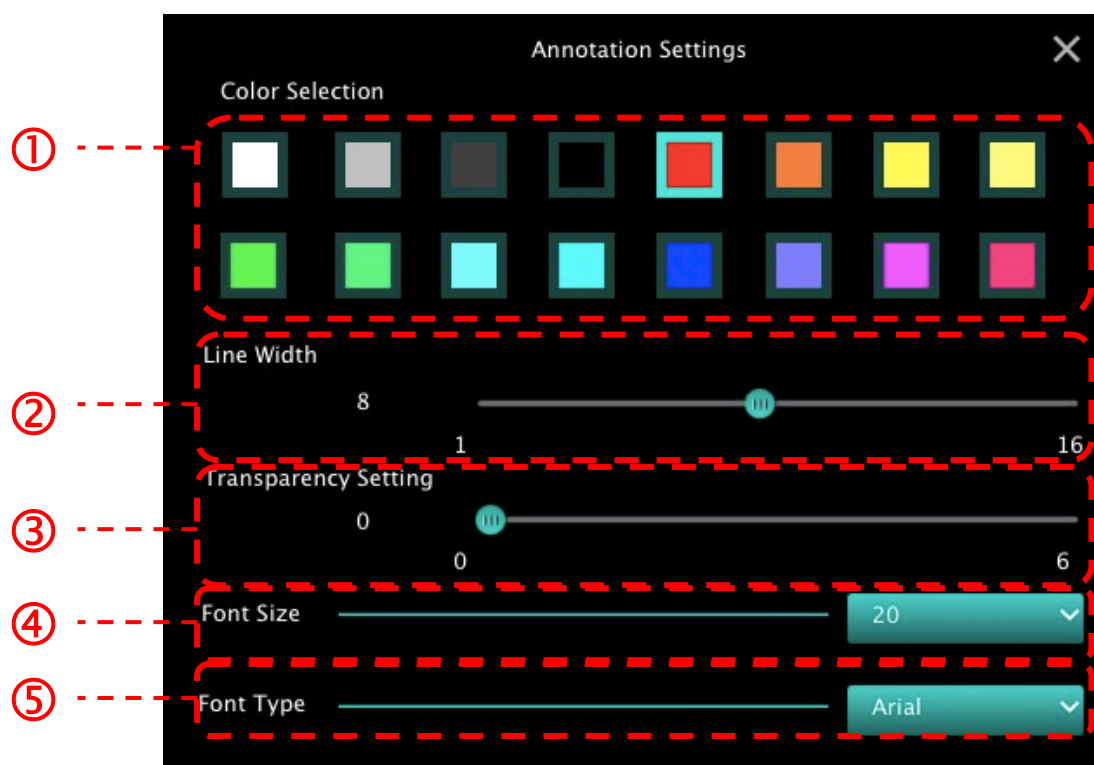
- ① File Name: -YYYY-MM-DD-HH-NN-SS.jpg
- ② Select the start time:
 - ☒ Right Now
 - ☐ Start at
- ③ Time Lapse Settings:
 - Capture Interval Seconds
 - ☒ Capture Time Hours
 - ☐ Capture Frame Frames

Start

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

6.2.6. Setting of annotation tool

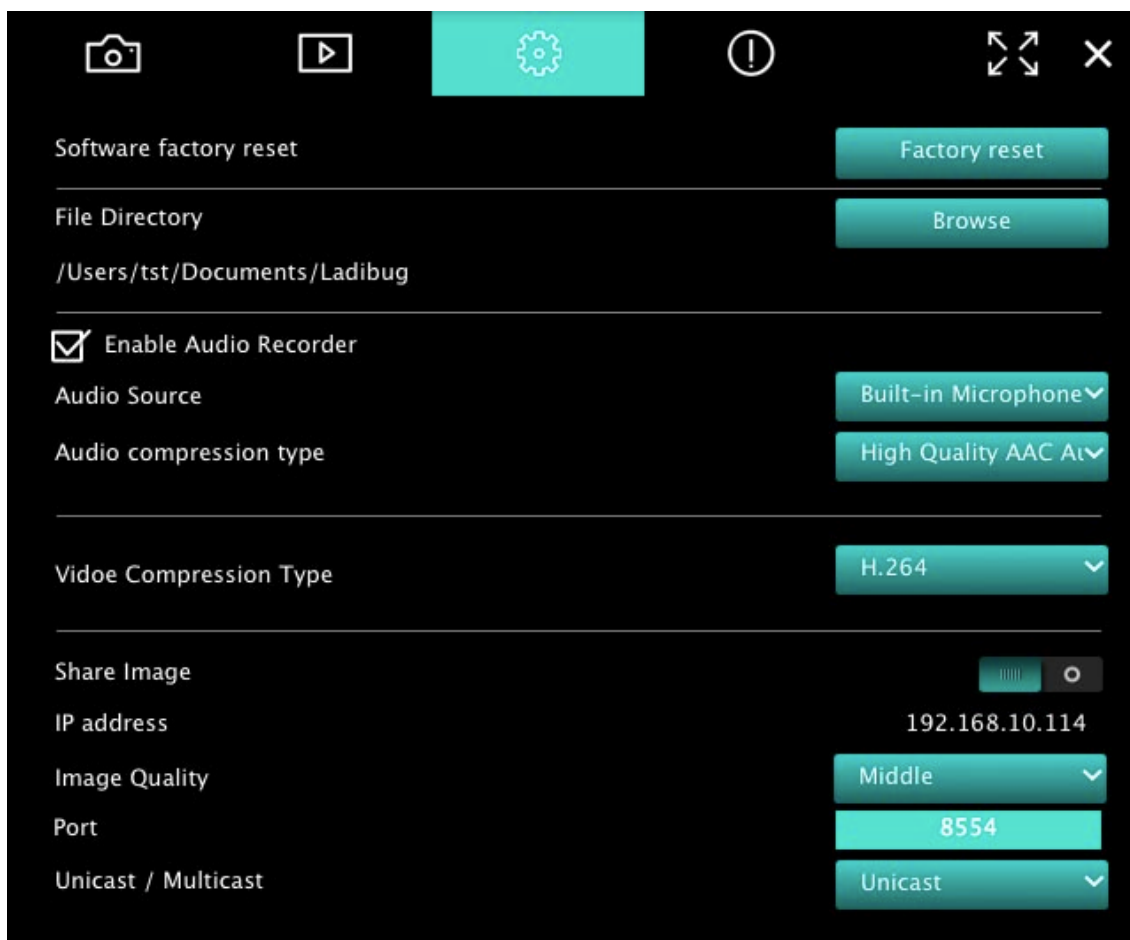
Click  to open the setting menu



1. Set the pen color
2. Select the line width
3. Select the transparency
4. Select the font size
5. Select the font

6.2.7. Setting (Advanced)

Click  to open the setting menu



1. **Software Factory Reset:** Reset to the default value.
2. **File Directory:** File storage path.
3. **Enable Audio Recorder:** Activate recording function.
4. **Audio Source:** Select audio output device.
5. **Audio Compression Type:** Select audio output quality.
6. **Video Compression Type:** Set video compression format.
7. **Share Image:** Share Image; this function is not supported in Wireless mode.
8. **IP Address:** Server IP address for image sharing.
9. **Image Quality:** Select image quality (high/medium/low).
10. **Port:** Enter port settings (8500 ~ 9000).
11. **Unicast/Multicast:** Select cast type.

7.Function Descriptions - For Windows

7.1 Turn on/off camera

- Click  to turn on/off the camera.
- <Note> For USB models, directly close the software**

7.2 I would like to optimize the image

- Click .

7.3 I would like to freeze the live image

- Click  to freeze the live image of Ladibug™.
- Click  once again to lift the freeze.

7.4 I would like to turn on/off the lamp

- Click  to turn on/off the camera lamp.

7.5 I would like to zoom in/out images

- Click  to open the scroll to adjust images.
- Move rightward to zoom in the image, or leftward to zoom out the image.

7.6 I would like to adjust the brightness

- Click  to open the brightness scroll.
- Move rightward to increase brightness, or leftward to decrease brightness.

7.7 I would like to capture images

- Click  to capture images.

<Note> When the images are captured, please view the images on the image browser

page 

7.8 I would like to capture images continuously

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

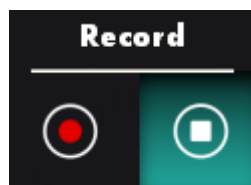
<Note> Refer to [6.1.5 Time Lapse](#) for more information about Time Lapse setting

<Note> When the images are captured, please view the images on the image browser

page 

7.9 I would like to record

- Click  to open the recording tool.



<Note> Click  to open the setting window of video format and audio source. Please refer to [6.1.7 Setting](#) for more information

- Click  to start recording.

- Click  to stop recording.

- Click  to close the recording tool.

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

<Note> When the images are captured, please view the images on the image browser

page 

<Note> The recording function is not available when connecting to the image sharing server or wireless network

7.10 I would like to annotate the displayed image

<Note> To annotate the stored images, please open the images on the image

browser page 

- Select an annotation tool.



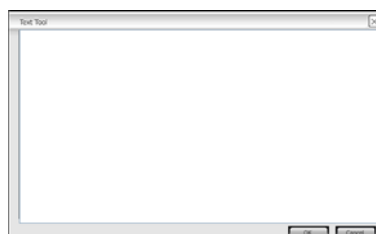
- Mark or annotate the displayed image.



<Remark> You can Click  to capture images if they are live images. If the image files are opened on image browser page , you can press the  [SAVE] or  [SAVE AS] to save files

7.11 I would like to add textual annotation to images

- Select .
- Click the screen to display the [Text Tool] window.



- Enter text in the blank area and press [OK].

<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.

7.12 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 close the mask mode.

7.13 I would like to use the spotlight mode

- Click  to open the spotlight mode.
- You can use the mouse to directly modify the length and the width of the block.
- Press  to change the spotlight shape.
- Click  to close the spotlight mode.

7.14 I would like to manage stored image

Please switch to Image browser page to go through the following steps

7.14.1 Browse images

- Open the Image browser page to view the thumbnails of stored images
- Click on the rightward/leftward icon to switch to another page, or enter numbers to switch to a given page



- Double click on the image to display a large picture
- Click  to switch to Full Screen
- Click  to return to image thumbnails

7.14.2 Delete Image

- Click the image or click Select All 
- Then click Delete  to delete the selected image.

7.14.3 Share images

➤ : Send by E-mail

- Click the image or click Select All 
- Click  to select how to upload images 
- Enter recipient, subject, and content, and click “Send”

<Remark> Email settings must be completed before sending images via email. Change settings according to the instructions of various operating systems and ISPs.

➤ : Upload to Google Drive

- Click the image or click Select All 
- Click  to select how to upload images 
- Click “**Log In**”. Log in by entering your **google** username and password.
- Click “**Accept**” to enable **Ladibug™** to access information stored in **Google Drive**.
- Click “**Upload**” to upload files. Upload is complete when the “**upload finished**” message is shown.

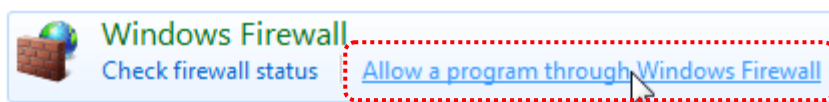
7.15 I would like to change the operating languages of the software

- Switch to settings page 
- Select language
- Restart the Ladibug™

7.16 Change firewall settings

7.16.1 Windows 7

- Select [**Console**] in [**Start**] menu.
- Click [**System and Security**], and then click [**Allow a program through Windows Firewall**].



[Remark] Click [**Windows Firewall**] in the icon view of [**Console**].

- Select [**Change settings**] in [**Allowed programs and features**] window.

Allow programs to communicate through Windows Firewall

To add, change, or remove allowed programs and ports, click Change settings.

What are the risks of allowing a program to communicate?

Change settings

Allowed programs and features:

Name	Home/Work (Private)	Public
☐ Secure Socket Tunneling Protocol	☐	☐
☐ SNMP Trap	☐	☐
☐ Windows Collaboration Computer Name Registration Service	☐	☐
☐ Windows Firewall Remote Management	☐	☐
☐ Windows Management Instrumentation (WMI)	☐	☐
☒ Windows Media Player	☒	☐
☒ Windows Media Player Network Sharing Service	☒	☐
☐ Windows Media Player Network Sharing Service (Internet)	☐	☐
☐ Windows Peer to Peer Collaboration Foundation	☐	☐
☐ Windows Remote Management	☐	☐
☐ Wireless Portable Devices	☐	☐

Details...

Remove

Allow another program...

- Please select **Ladibug** program in the list.
- If **Ladibug** was not listed, please click **[Allow another program]**, and then you will find **Ladibug** program.
- Select **Ladibug**, and then click **[Add]**. If it was not listed, please click **[Browse]**, select **Ladibug** program, and then click **[Enable]**.

[Remark] Ladibug View may be displayed in the form of **Ladibug.exe**.

- Click **[OK]** in **[Allowed Program]** window.
- Close **[Windows Firewall Setting]** window.

7.16.2 Windows 8

- Point the mouse to the upper right corner of the screen and move the mouse pointer down, then press **[Search]** and input the firewall in the search block, click or press **[Allow the Application Program or Function to pass Windows Firewall]**.
- Click or press **[Change Settings]**. System may ask for your system administrator password or confirm your selection.
- In the allowed application program list, find **Ladibug**, check the checkbox beside the application program, and then click or press **[Confirm]**.

8.Function Descriptions - For MAC

8.1 I would like to turn on/off camera

- Click  to turn on/off the camera.
- <Note> For USB models, directly close the software.

8.2 I would like to optimize the image

- Click .

8.3 I would like to freeze the live image

- Click  to freeze the live image of Ladibug™.
- Click  once again to lift the freeze.

8.4 I would like to turn on/off the lamp

- Click  to turn on/off the camera lamp.

8.5 I would like to zoom in/out images

- Click  to open the scroll to adjust images.
- Move rightward to zoom in the image, or leftward to zoom out the image.

8.6 I would like to adjust the brightness

- Click  to open the brightness scroll.
- Move rightward to increase brightness, or leftward to decrease brightness.

8.7 I would like to capture images

- Click  to capture images

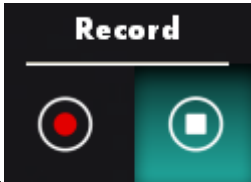
<Note> When the images are captured, please view the images on the image browser

page 

8.8 I would like to capture images continuously

- Click  to open continuous mode setting. Click [OK] after setting
- <Note> Refer to [6.2.5. Time Lapse](#) for more information about Time Lapse setting
- <Note> When the images are captured, please view the images on the image browser page 

8.9 I would like to record

- Click  to open the recording tool. 
- <Note> Click  to open the setting window of video format and audio source. Please refer to [6.2.7. Setting](#) for more information
- Click  to start recording.
- Click  to stop recording.
- Click  to close the recording tool.
- <Note> You can add annotation when recording but cannot save it
- <Note> When the images are captured, please view the images on the image browser page

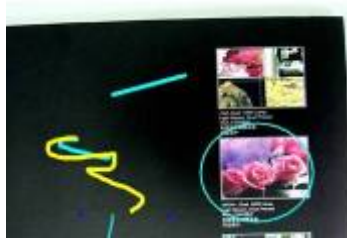
8.10 I would like to annotate the displayed image

- <Note> To annotate the stored images, please open the images on the image browser page 

- Select an annotation tool.



- Mark or annotate the displayed image.



<Remark> You can Click  to capture images if they are live images. If the image files are opened on image browser page , you can press the  [SAVE] or  [SAVE AS] to save files

8.11 I would like to add textual annotation to images

- Select .
- Select range on page and enter 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.

8.12 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.

8.13 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 and shape of the block.
- Click  to close the spotlight mode.

8.14 I would like to manage stored image

Please switch to **Image browser page**  to go through the following steps

8.14.1 Browse images

- Open the **Image browser page**  to view the thumbnails of stored images
- Click on the rightward/leftward icon to switch to another page, or enter numbers to switch to a given page



- Double click on the image to display a large picture.
- Click  to switch to Full Screen
- Click  to return to image thumbnails

8.14.2 Delete Image

- Click the image or click Select  All
- Then click Delete  to delete the selected image

8.14.3 Share images

- : **Send by E-mail**

- Click the image or click Select  All.
- Click  to select how to upload images 
- Enter recipient, subject, and content, and click "Send"

<Remark> Email settings must be completed before sending images via email. Change settings according to the instructions of various operating systems and ISPs.

- : **Upload to Google Drive**

- Click the image or click Select  All
- Click  to select how to upload images 
- Click "**Log In**". Log in by entering your **Google** username and password.

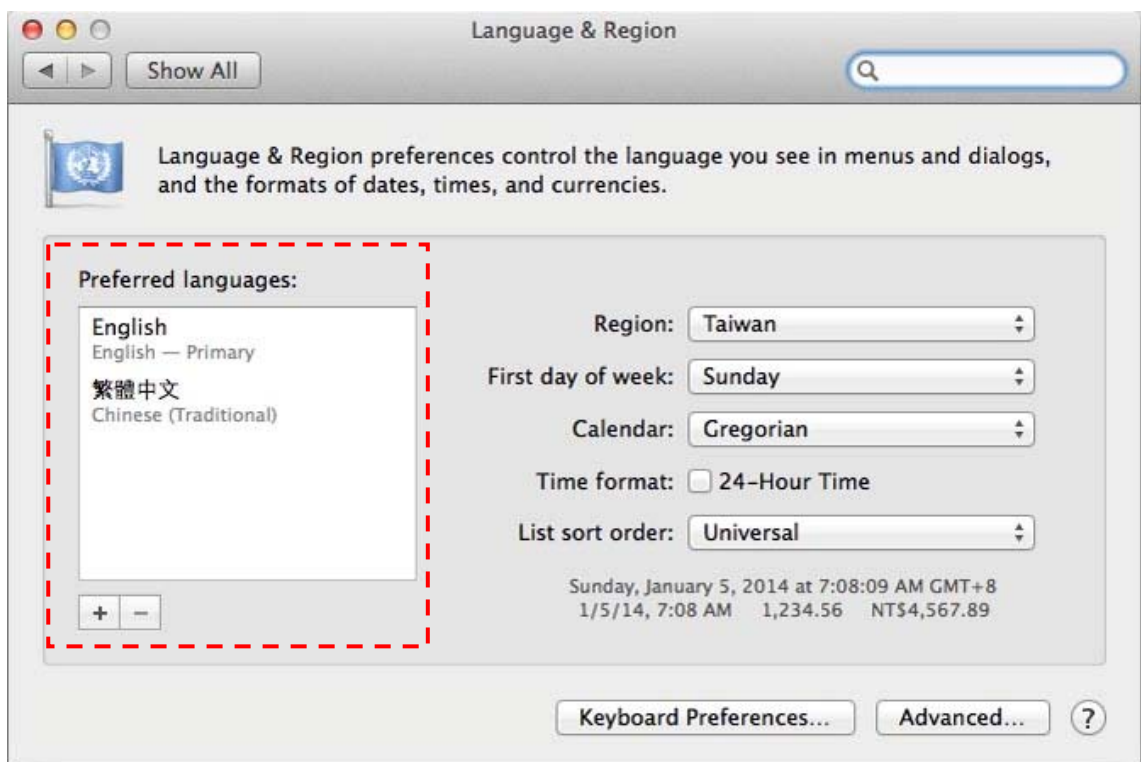
- d. Click “Accept” to enable **Ladibug™** to access information stored in **Google Drive**.
- e. Click “**Upload**” to upload files. Upload is complete when the “**upload finished**” message is shown.

➤ : Upload to Dropbox

- a. Click the image or click Select  All
- b. Click  to select how to upload images 
- c. Click “**Log In**”. Log in by entering your **Dropbox** username and password.
- d. Click “Accept” to enable **Ladibug™** to access information stored in **Dropbox**.
- e. Click “**Upload**” to upload files. Upload is complete when the “**Upload complete**” message is shown.

8.15 I would like to change the operating languages of the software

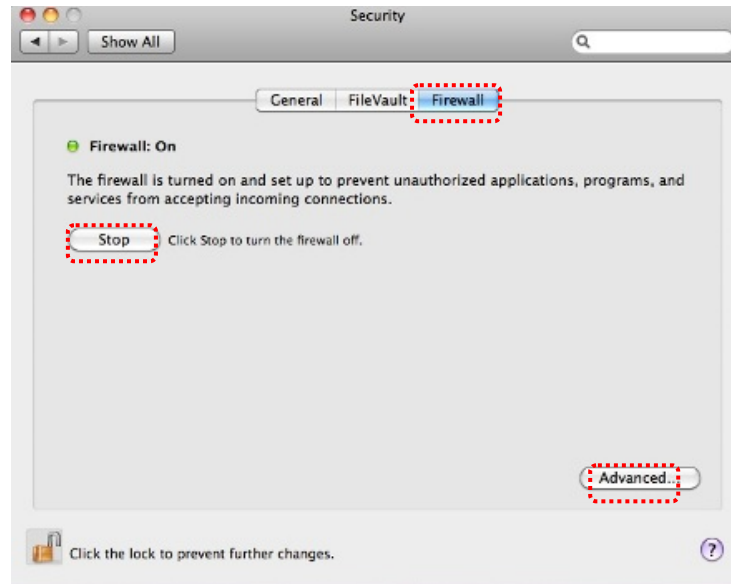
- Open the MAC [System Preferences] option, select from the [Preferred Languages] option list in the [Language & Region] icon, and restart



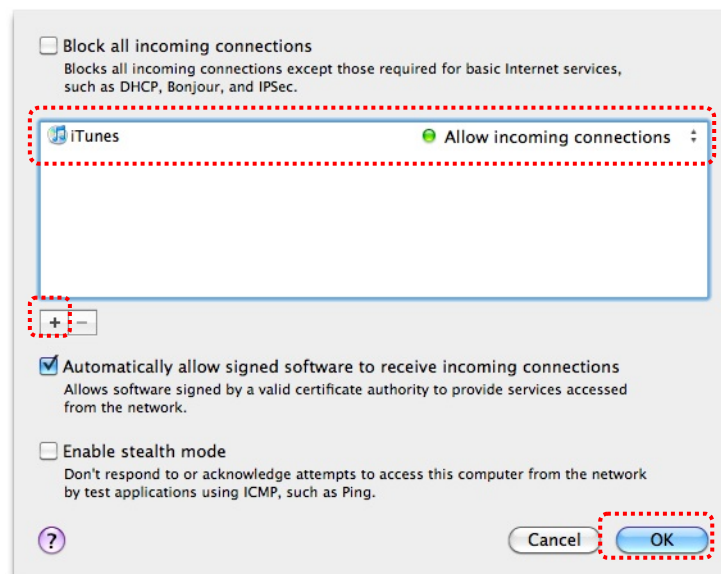
8.16 Change firewall settings

Applicable to MAC OS X v10.6/10.7/10.8/10.9

- 8.16.1 Select the setting of [System Preferences] in the **Apple Menu**.
- 8.16.2 Click on the [Security] or [Security and Privacy] icon.
- 8.16.3 Click the tab [Firewall].



- 8.16.4 Click the lock on the lower left corner to unlock the panel, and enter the username and password of the Administrator.
- 8.16.5 Click **[Start]** or **[Activate Firewall]** to activate the firewall.
- 8.16.6 Click **[Advanced]** at the lower right corner.
- 8.16.7 Select **[Automatically allow signed software to receive incoming connections]**.
- 8.16.8 Change **Ladibug** in the list to **[Allow incoming connections]**. If the software name was not listed, please click [+] to add new programs to the list, and start to use the software.



9. Troubleshooting

9.1 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™

9.2 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; Skip to step 5 if you are not using an extended desktop.
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
5. Please go to our website <http://www.Mylumens.com/goto.htm> to download the compressed dll file (including mfc71.dll/msvcr71.dll), and extract it to “Program Files/Ladibug” after the download is completed. Please re-start Ladibug™.

9.3 Question: The page flashes when using Ladibug™ to connect to DC-W50

Solution:

1. Change antivirus software settings, turn off the firewall, and activate Ladibug™

9.4 Question: Some texts 44xceed page margins

Solution:

1. Change the di44play settings and select default font size.

9.5 Question: Unable to connect when using the image sharing function.

Solution:

1. The system firewall settings may prevent images from being properly sent. Change settings to permit Ladibug through the firewall. Please refer to [7.16 Change firewall settings](#) for Windows, and [8.16 Change firewall settings](#) for MAC.
2. If Step 1 fails to solve the problem, change the firewall settings of the antivirus software by permitting Ladibug through the firewall or suspending the firewall. Please refer to antivirus software instructions to change firewall settings.
3. If step 2 still fails to solve the problem, please turn off the antivirus software.

9.6 Question: When the function of Time Lapse is executing, Preview screen remains still

Solution:

1. Connecting USB Hub may result in insufficient bandwidth, which makes the machine unable to operate normally; therefore, it is advised that the machine shall be connected to the computer directly through USB cable instead of USB Hub.

9.7 Question: When the function of Share Image is enabled, changing the network connection of server (e.g. from cable connection to wireless connection) will cause the client unable to obtain the screen of camera

Solution:

1. If settings of host network are affected by the change of network connection, please disable the Ladibug and restart the software and Share Image function again.

9.8 Question: When connected to a wireless device DC-W50, the Preview screen has tearing and the Wi-Fi signal strength indication is low (approximately 50%).

Solution:

1. Operating with low-performance CPU may result in tearing on the screen. Please go to the DC-W50 page, click [Streaming] page, and try to lower the Frame Rate or Resolution.