

Ladibug[™] 2.0 Document Camera Image Software User Manual

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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

MAC OS X 10.5 / 10.6 / 10.7 / 10.8

- Min. CPU: Intel Pentium[®] 2GHz Intel Core 2 Duo
- Min. memory: 1GB DDR2 667Hz RAM above
- Min. resolution: 1024x768
- 24-bit color display monitor
- Min. hard drive space: 1GB
- QuickTime 7.4.5 and above

3. Installing Ladibug™

Disabling Gatekeeper : The Gatekeeper must be disable at the beginning of the installation.
 Select the setting of [System Preferences] in the Apple Menu.

Ć.	Grab	File	Edit	Capture
Abo Soft App	out This tware L o Store.	s Mac Jpdate 	·	
Sys Doc	tem Pre k	eferen	ces	•
Rec	ent Ite	ms		•
For	ce Quit			780
Slee Res Shu	ep tart It Dowr	ı		

1.2 Click [Security & Privacy].



.3	In the Security & Privacy pane, click on the Lock icon
	Show All
	General FileVault Firewall Privacy
	A login password has been set for this user Change Password
	Require password immediately 🗘 after sleep or screen saver begins
	Show a message when the screen is locked Set Lock Message
	✓ Disable automatic login
	Allow applications downloaded from:
	O Mac App Store
	Mac App Store and identified developers
	Anywhere
(
	Click the lock to make changes. Advanced ?

1.4 Enter the administrator's username and password and click [Unlock]

000		:	Security & Privacy			
	Shor			-		\supset
	A lo	System Pre Security & password t Name: Password:	ferences is trying Privacy preference to allow this. Admin Account	to unlock es. Type your Cancel	gins	
	Allow applications Mac App St Mac App St Anywhere	downloaded ore ore and ident	from: tified developers			
Aut	henticating				Advanced (?

1.5 Click the radio button next to [Anywhere].



1.6 When prompted, click [Allow From Anywhere]. You can now install any compatible application on your Mac without the installation being blocked.



- 2. Please download the Ladibug[™] software after connected to the Lumens[™] web site.
- 3. Click the [Ladibug] icons for installation after decompressing the downloaded file.
- 4. Run the installation process by following the onscreen instructions.

000		Ladibug_MAC_2.0.0_Setup	\Box
		•	Q
▼ DEVICES		0	
Macintosh HD	- 	5 L	
🔼 iDisk		3	
Macintosh HD_2	Ladibug 2.0	Ladibug 2.0 Uninstaller	
▼ PLACES	/		
💹 Desktop			
👚 lumenslumens			
Applications			
🐴 Documents			
🔀 Utilities			
▼ SEARCH FOR			
🕒 Today			
Yesterday			
Past Week			
🔯 All Images			
All Movies	Macinto > 🕅 > 🖄	In the second	11-0210 - Caliburg MAC 2.0.0 Setup
All Documents	i Macinito • 🔛 • 🕤	- autody_MAC_2.0.0_20	Laubug_MAC_2.0.0_Setup
		2 items, 79.77 GB available	1.

5. Click [Continue].

000	🥪 Install Ladibug 2.0
	Welcome to the Ladibug 2.0 Installer
Introduction Destination Select Installation(Type	You will be guided through the steps necessary to install this software.
Summary amproprogram	o num o 10 nummumini
	Go Back Continue

6. Click [Install].



7. Enter the username and password, and then press [OK].

	Installer requires that you type your password.
	Name: Lumens Lumens
	Password:
▶ Details	
?	Cancel OK

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. Pressing the **[POWER]** button on the remote control or the Document Camera for about 5 seconds. When the light next to the power button is lit, the machine is ready to use.



4.3. Connect USB cable to the Document Camera your computer.



5. Start to use Ladibug™

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



5.2. Mouse over [Ladibug] icon to expand menu functions.



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)

Thumbnail

2 3 4 Save 5 Save as Directory 6 Delete 0 E-mail

- 1. Close/Open Thumbnail
- 2. Thumbnail image of saved video or captured

image (It will be displayed as if it's a video)

- 3. Save the video which has been edited
- 4. Save as a new file
- 5. Change the storage folder
- 6. Delete file
- 7. Send captured image via e-mail

6.3 Main Menu



6	POWER : Turn the Document Camera on/off.		LAMP: Turn the lamp on/off.
3	AUTO TUNE: Automatically adjust the image to have the best brightness and focusing performance	B	PREVIEW : Display live images.
	OPTIONS: Select video compression method and the audio source. <u>6.6 Options</u> is the reference of the selecting screen.		BRIGHTNESS : Manually adjust the brightness of the image.
	MAIN: Launch the main functions menu. Right click on this icon to show information about the Ladibug™.	Ŷ	ZOOM: Increase or decrease the image size.
	Mask Mode: Open the mask mode. Please refer to <u>7.9 I would like to use the mask</u> mode.	e	CAMERA SETTING: Launch the Camera Setting window to adjust live images. <u>6.5 CAMERA</u> <u>Settings</u> is the reference of the selecting screen.
	FREEZE : Freeze the live image.	Ø	ANNOTATION: Open the annotation tools. Please refer to <u>6.4 Annotation</u> .
	Spotlight Mode: Open the emphasizing mode. Please refer to <u>7.10 I would like to</u> us the spotlight mode.	ঙ	TIME LAPSE PHOTOGRAPHY: Use the burst mode and adjust the interval of automatical image capturing. Please refer to <u>7.4 I would</u> <u>like to capture images</u> <u>continuously</u> .
P	RECORD: Record the current image.	8	CAPTURE: Image Capture.

6.4 Annotation

 Cli an 	ick notatior	tools	o open
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	•	T	
0	0		
Ø	•	€	1
Lir	ne Wid	th	11 🥄
0	1	2	3
4	5	6	
Arial		+	24 🛟

Icon	Description
	Pointer tool
•••	Laser tool
T	Insert text
	Eraser
	Draw a line
0	Draw an ellipse
	Draw a rectangle
	Delete
	Free-hand drawing tool
•	Back
•	Next
	Clear all
	Select pen color
Line Width 11	Select line thickness
0 1 2 3 4 5 6	Select transparency
Arial	Select Font
24 🗘	Select Font Size

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 <u>Document Camera</u> <u>user manual</u> for more information.

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



to open Camera Settings interface.

- 6.5.2 Applicable to other types except DC120, such as DC266, DC190...
 - > Case 1

6.5.1 Click

> Case 2



0.0	Camera Settings		0 C	0	Camera Sett	ings
(Basic Advanced]			Basic Adv	anced
0	\bigcirc	AF		3	0	
Auto Tune	Lamp	AF		Source	Freeze	
Y Zoom +	Brightness +	F+ Focus +		PBP	(Capture	v
Soom -	O Brightness -	F- Focus -		Slide Show	(P) Record	Menu
C Rotate	Pan			Photo/Text Photo	Mod Nor	e mal
			I			

6.6 Options

and the second second second second	Options	
	Factory Reset	
ïdeo		
Video compre	ssion type:	
H.264		÷
Enable Aud	lio Recorder	
Audio sourc	e:	
Soundflow	er (2ch)	÷
Audio comp	ression type:	

- 1. Factory Reset: Activate the factory reset.
- 2. Video Compression Type: Set up the recording format.
- 3. Enable Audio Recorder: Enable the audio record device and set the audio source.

6.7 Time Lapse (Burst Settings)

Click	୬	to open Time Lapse Menu
-------	---	-------------------------

	Time Lapse				
2	File Name: Lumens -YYYY-MM-DD-HH-NN-SS.jpg				
3	 Right Now Start at 2011/ 2/15 下午 4:27:28 				
	Capture Interval 5 Seconds Capture Time 1 Hours Capture Frame 100 Frames				
	Cancel OK				

- 1. Specify a file name.
- 2. Set the start time.
- **3.** Set the interval and the length of time of image capturing.

7. Function Descriptions

7.1 Turn the Document Camera on/off

Click

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 \triangleright

 \triangleright

to on/off the power.

<Note> When the Document Camera is on, the light will flicker; you can't turn it on until the light stops flicker.

7.2 I would like to display a live image



to display the live image.

7.3 I would like to capture images



to capture images.

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

7.4 I would like to capture images continuously



7.5 I would like to freeze the live image



to freeze the live image of Ladibug™.

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

 \triangleright

to open the annotation tools.

Select a annotation tool.



Select pen color.



11

- Select line thickness.
- Select transparency.

0	1	2	3
4	5	6	

Line Width

> Mark or annotate the displayed image.





<Remark> You can Click for 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 you can't save it

7.7 I would like to add textual annotation to images

to open the annotation tools. \triangleright Click Select \triangleright 000 Line Width 11 : (3)6 5 \$ 24 \$ Arial \triangleright Select pen color. \triangleright Select transparency. **(**) 6 Select font and font size. \geq Arial \$ Drag a block on the picture then start to enter text. \triangleright * Please activate your warranty at www.lum * Please visit our website www.lumens.com.tw/goto.h latest version of Software, Multilingual User Man Start Guide. test

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

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7.8 I would like to record videos



7.9 I would like to use the mask mode



 \geq

to open the mask mode.

- You can directly modify the length and the width of the block with mouse.
- Click to modify the transparency of the block.
- Click to close the mask mode.

7.10 I would like to use the spotlight mode



- > Modify the length and the width with mouse.
- Click to modify the shape and transparency of the block.
- Click to close the Spotlight mode.





7.11 I would like to manage saved image files.

7.11.1 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] ____, then "Save As" window will pop up.

_	Save As
Save As	02-22-2011-13-52-37
*•	Cancel Save

> After inputing "file name", click [SAVE] to finish saving.

7.11.2 Change the location of file access

Click [Directory]

then "OPEN" window will pop up.

Open				
Choose default folder to save images				
Ladibug	t Q search			
Name 🔺	Date Modified			
02-15-2011-16-35-21.jpg	2011/2/15			
👻 02-16-2011-15-46-50.jpg	2011/2/16			
Eumens-201112-02-18.jpg	2011/2/10			
Lumens-201112-02-19.jpg	2011/2/10			
Eumens-201112-02-20.jpg	2011/2/10			
Lumens-201112-02-21.jpg	2011/2/10			
Eumens-201112-02-22.jpg	2011/2/10			
Eumens-201112-02-23.jpg	2011/2/10			
Lumens-201112-02-24.jpg	2011/2/10			
Lumens-201112-02-25.jpg	2011/2/10			
Lumens-201112-02-26.jpg	2011/2/10			
👻 Lumens-201112-02-27.jpg	2011/2/10 🔻			
) Cancel Choose				

After selecting the location of the folder, click [Choose] to change the folder for saving pictures next time.

7.11.3 Delete File

- > First, double-click the picture in the "Thumbnail" window on the left side of the screen.
- > Click [Delete] ____, then "Delete File" window will pop up. Click [Yes] to delete files.



7.11.4 Send files by E-mail function.

- > First, double-click the picture in the "Thumbnail" window on the left side of the screen.
- > Click [E-mail] Ken "Email File" window will pop up. Click [Yes] to open e-mail.



8. Troubleshooting

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

Solution:

- 1. Remove the Ladibug[™] then restart the computer.
- 2. Re-install the Ladibug™

8.2 Question: When running the Ladibug™, no image is displayed and get a Ladibug error message:

"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 doesn't work, please turn off extended desktop.
- 3. If step 2 still doesn't work, please reduce the resolution of desktop.
- 4. If step 3 still doesn't work, please re-install Ladibug™ software.

8.3 Question: What are the steps for using PhotoBooth after Ladibug[™] is installed? Solution:

- 1. Open the folder Application and enter the "/Library/QuickTime".
- 2. Select "LumensWirelessDC1.component" and move this file to the desktop.
- 3. **PhotoBooth** is ready for use.
- 4. After the use, please move "LumensWirelessDC1.component" back to the folder "/Library/QuickTime", and then Ladibug[™] is ready for use.