



**Ladibug<sup>TM</sup> Chrome**  
**Document Camera Image Software**  
**User Manual - English**

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# 1. Introduction

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

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

## 2. System Requirements

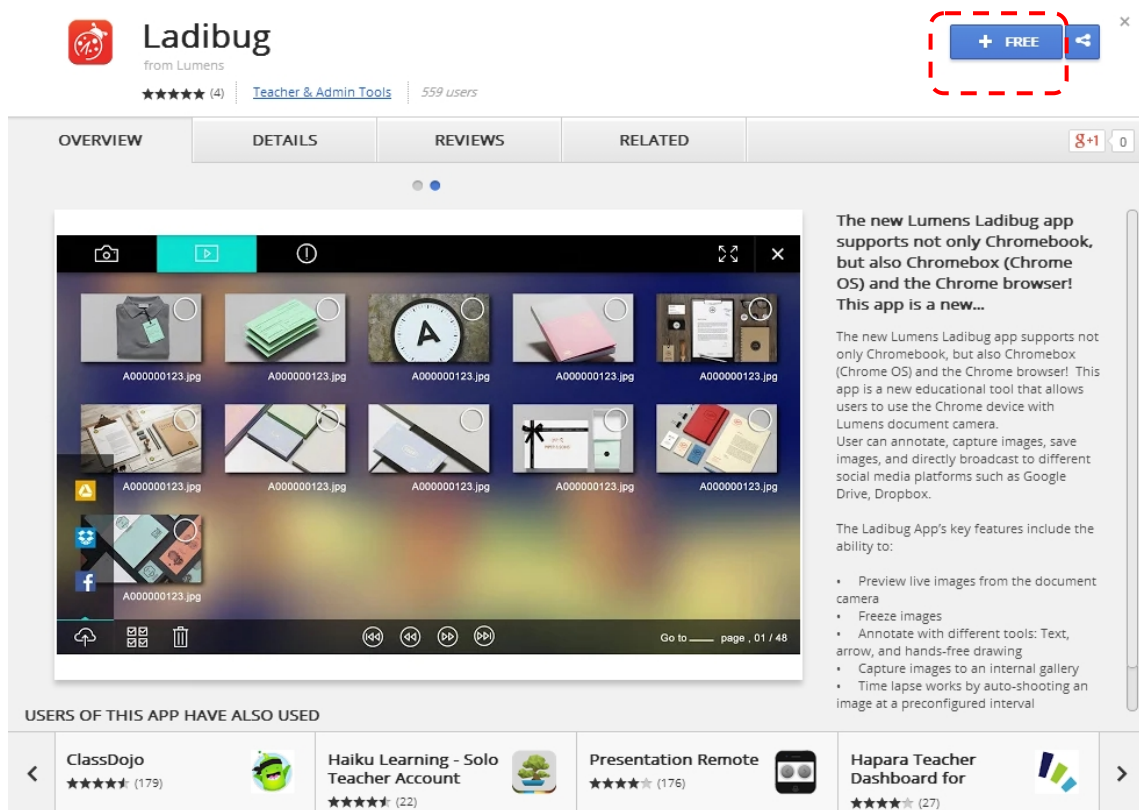
### Chrome OS

- Min CPU: Intel ATOM, Celeron and above
- Min Memory: 2 GB RAM
- Min Hard Drive Space: 1 GB
- Chrome Browser: version 23 and above

## 3. Install Ladibug™

1. Open **Chrome Web Store**
2. Search **Ladibug**

3. Add the new App 







**Ladibug**  
from Lumens  
★★★★★ (4) | [Teacher & Admin Tools](#) | 559 users

**OVERVIEW** | DETAILS | REVIEWS | RELATED

The new Lumens Ladibug app supports not only Chromebook, but also Chromebox (Chrome OS) and the Chrome browser! This app is a new...  
The new Lumens Ladibug app supports not only Chromebook, but also Chromebox (Chrome OS) and the Chrome browser! This app is a new educational tool that allows users to use the Chrome device with Lumens document camera. User can annotate, capture images, save images, and directly broadcast to different social media platforms such as Google Drive, Dropbox.  
The Ladibug App's key features include the ability to:

- Preview live images from the document camera
- Freeze images
- Annotate with different tools: Text, arrow, and hands-free drawing
- Capture images to an internal gallery
- Time lapse works by auto-shooting an image at a preconfigured interval

USERS OF THIS APP HAVE ALSO USED

 <b>ClassDojo</b> ★★★★★ (179)	 <b>Haiku Learning - Solo Teacher Account</b> ★★★★★ (22)	 <b>Presentation Remote</b> ★★★★★ (176)	 <b>Hapara Teacher Dashboard for</b> ★★★★★ (27)
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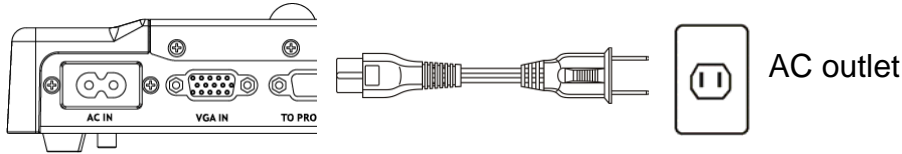
## 4. Connection to the Hardware



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

<Note> Skip Steps [4.1](#) and [4.2](#) for USB models

4.1. Connect the power cord of the Visual Presenter.

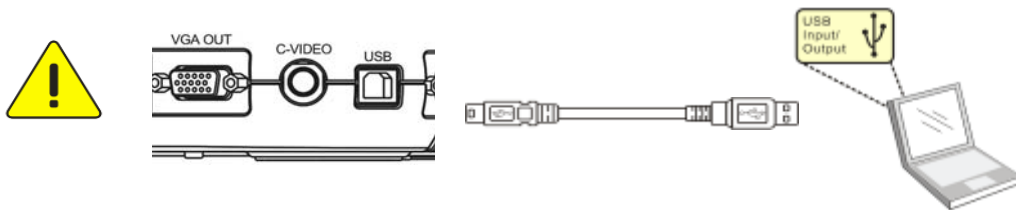


<Note> Appearance may vary depending on country/region.

4.2. Press and hold the **[POWER]** button on the remote control or the presenter 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 Chromebook and Document Camera.



## 5. Start to Use Ladibug™

5.1. Activate **Chrome App Starter**



5.2. Execute **Ladibug**

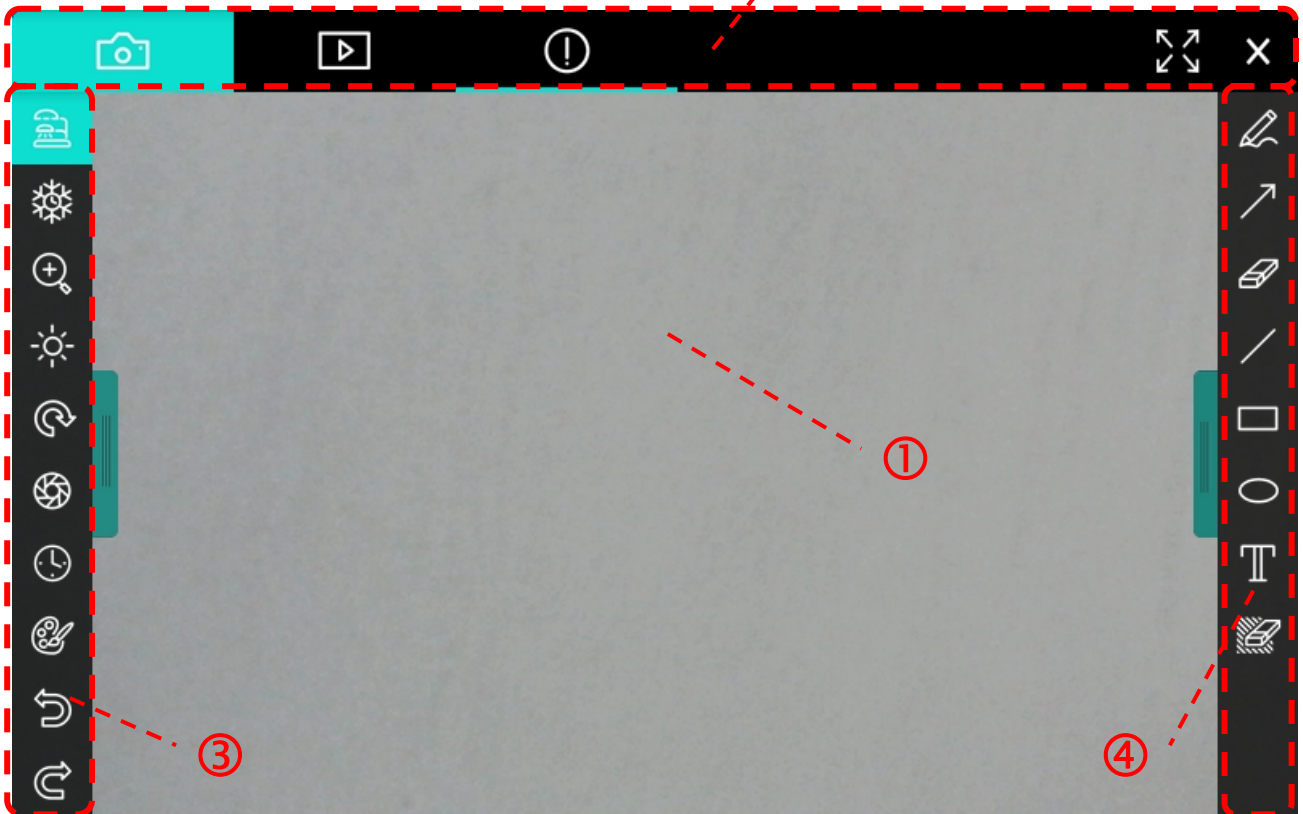


5.3. If no image is displayed, please refer to the instructions on how to change camera settings

<Note> Please refer to [8. Troubleshooting](#) for detailed instructions on changing camera settings

# 6. Operation Interface Description

## 6.1 Software screen introduction - Camera














1. Preview window

2. Page switch

Icon	Function Descriptions
	Real-time image
	Playback page
	About page
	Switch to Full Screen
	Disable ladibug










### 3. Function Menu



Icon	Function Descriptions
	Preview
	Freeze
	Zooming in/out the image
	Brightness
	Rotate the image
	Capture
	Time Lapse
	Setting of annotation tool
	Recover
	Redo
	Fold the menu













#### 4. Annotation Tools Menu



Icon	Function Descriptions
	Free-hand drawing tool
	Arrow
	Eraser
	Draw a line
	Draw a rectangle
	Circling tool
	Edit text
	Eraser
	Fold the menu

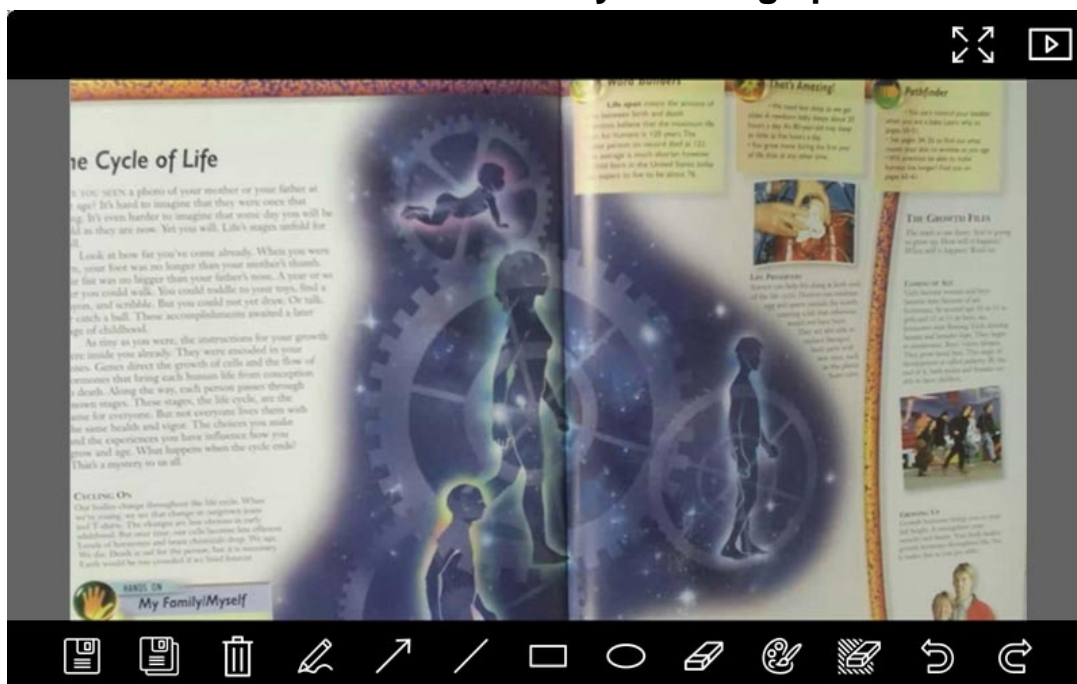
## 6.2 Software screen introduction - Playback thumbnail


















Icon	Function Descriptions	Icon	Function Descriptions
	Upload to File		Go to the first page
	Upload to Google Drive		Move to the previous page
	Upload to Dropbox		Move to the next page
	Save to computer		Go to the last page
	Select All		Move to a given page
	Delete		Current page



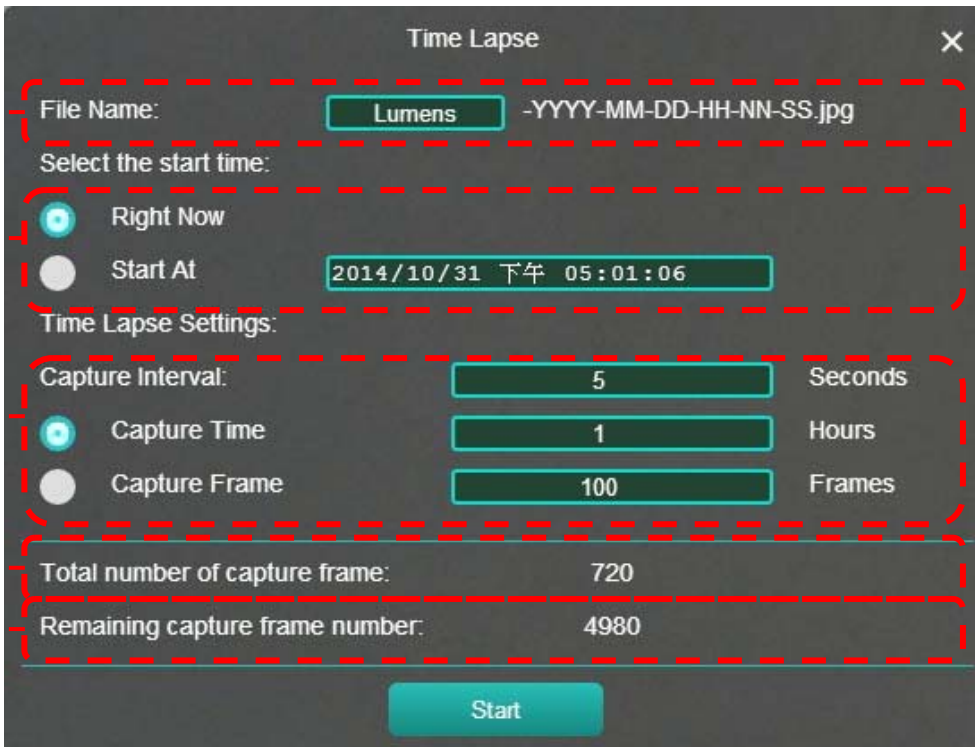
### 6.3 Software screen introduction - Playback large picture



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

## 6.4 Time Lapse (Burst Settings)

Click  to open Time Lapse menu




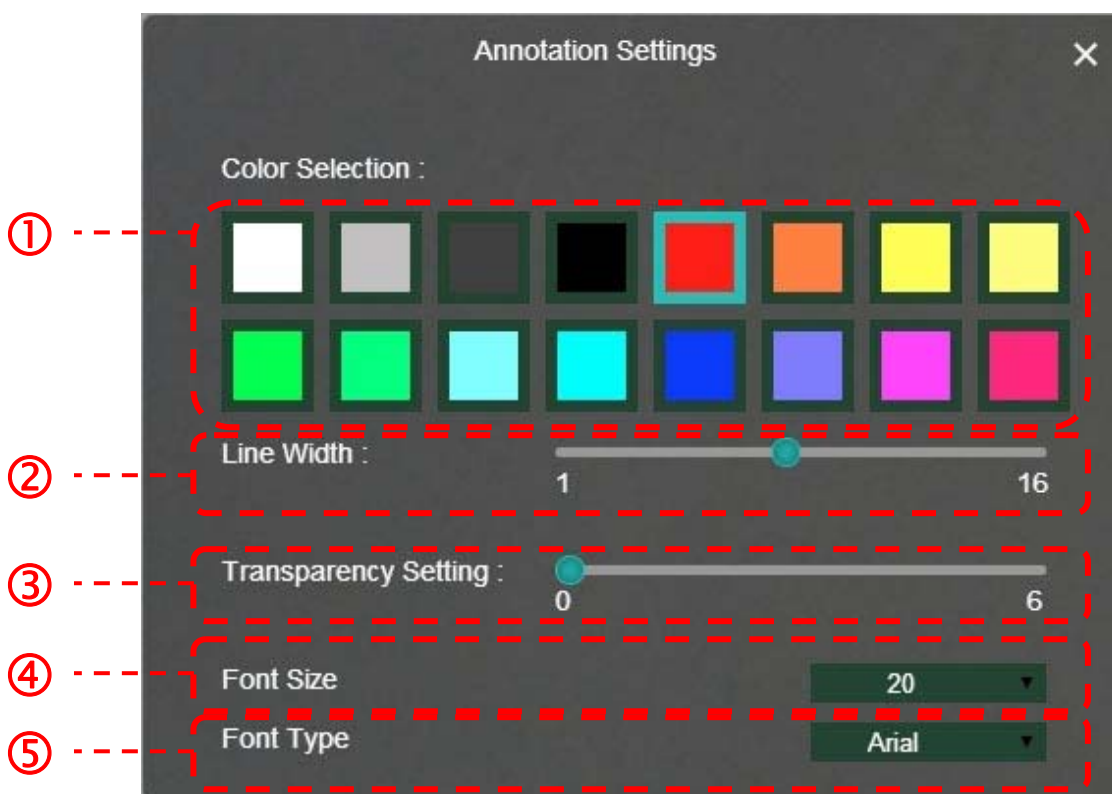
The screenshot shows the 'Time Lapse' settings menu with the following elements:

- 1** File Name: Lumens -YYYY-MM-DD-HH-NN-SS.jpg
- 2** Select the start time:
  - Right Now
  - Start At: 2014/10/31 下午 05:01:06
- 3** Time Lapse Settings:
  - Capture Interval: 5 Seconds
  - Capture Time: 1 Hours
  - Capture Frame: 100 Frames
- 4** Total number of capture frame: 720
- 5** Remaining capture frame number: 4980
- Start

1. Specify a file name.
2. Set the start time.
3. Set the capture interval and the capture time.
4. Current setting of total number of photos
5. Total number of photos to be saved in the current internal memory

## 6.5 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

# 7. Function Descriptions


## 7.1 I would like to Open/Close the live image.

- Click  to display the live image
- Click  again to Close the live image


## 7.2 I would like to freeze the live image

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


## 7.3 I would like to zoom in/out the live images

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

## 7.4 I would like to adjust the brightness


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

## 7.5 I would like to rotate the image



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

## 7.6 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 

## 7.7 I would like to capture images continuously

- Click  to open continuous mode setting. Click [OK] after setting  
<Note> Refer to [6.4 Time Lapse](#) for more information about Time Lapse setting  
<Note> When the images are captured, please view the images on the image browser page 

## 7.8 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.

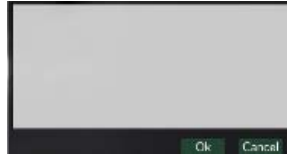


<Remark> You can Click  to capture images if they are live images. If the image files are opened on image browser page , you can press the  [SAVE] or  [SAVE AS] to save files.




## 7.9 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.

## 7.10 I would like to manage stored image

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



### 7.10.1 Browse images

- Open the **Image browser page**  to view the thumbnails of stored images
- Click on the leftward/rightward icon to switch to other thumbnail pages
- Double click on the image to display a large picture
- Click  to return to image thumbnails
- Click  to switch to Full Screen.

### 7.10.2 Delete Image

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

### 7.10.3 Share images

- Click the image or click Select All 
- Click  to save selected images or upload to Cloud.

#### 7.10.3.1 : Upload to Google Drive

- Click “**Upload**” to upload files. Upload is complete when the “**Upload complete**” message is shown.

#### 7.10.3.2 : Upload to Dropbox

- Click “**Log In**” to enter the **Dropbox** login page. Log in by entering your **Dropbox** username and password.
- Click “Accept” to enable **Ladibug™** to access information stored in **Dropbox**.
- Click “**Upload**” to upload files. Upload is complete when the “**Upload complete**” message is shown.

7.10.3.3



: Save to computer

- When the “**Download**” Folder window appears, select an existing folder or create a new folder for storing images and click “**Open**”.

## 8. Troubleshooting


### 8.1. The error message “Download Interrupted” appears when installing Ladibug Chrome

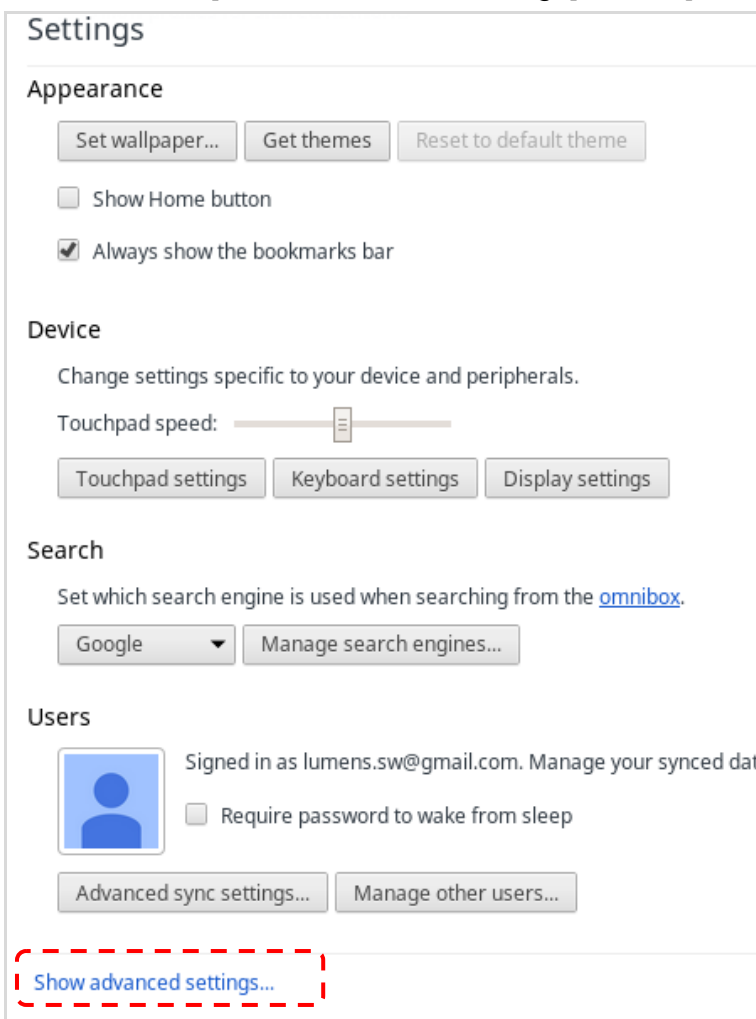
#### Solution:

1. This is a link error that occurs when using Chrome extensions. After Google fix the error, please try again later.

### 8.2. How to change the camera?

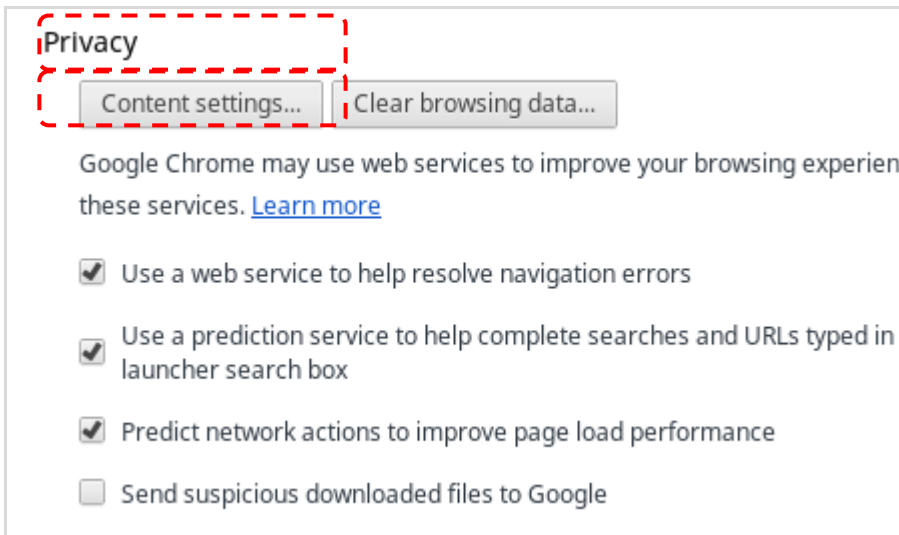
#### Solution:

1. Open Chrome Browser
2. Click Chrome menu  on the Browser toolbar
3. Select [Setting]
4. Click [Show Advanced settings] to find [Privacy]

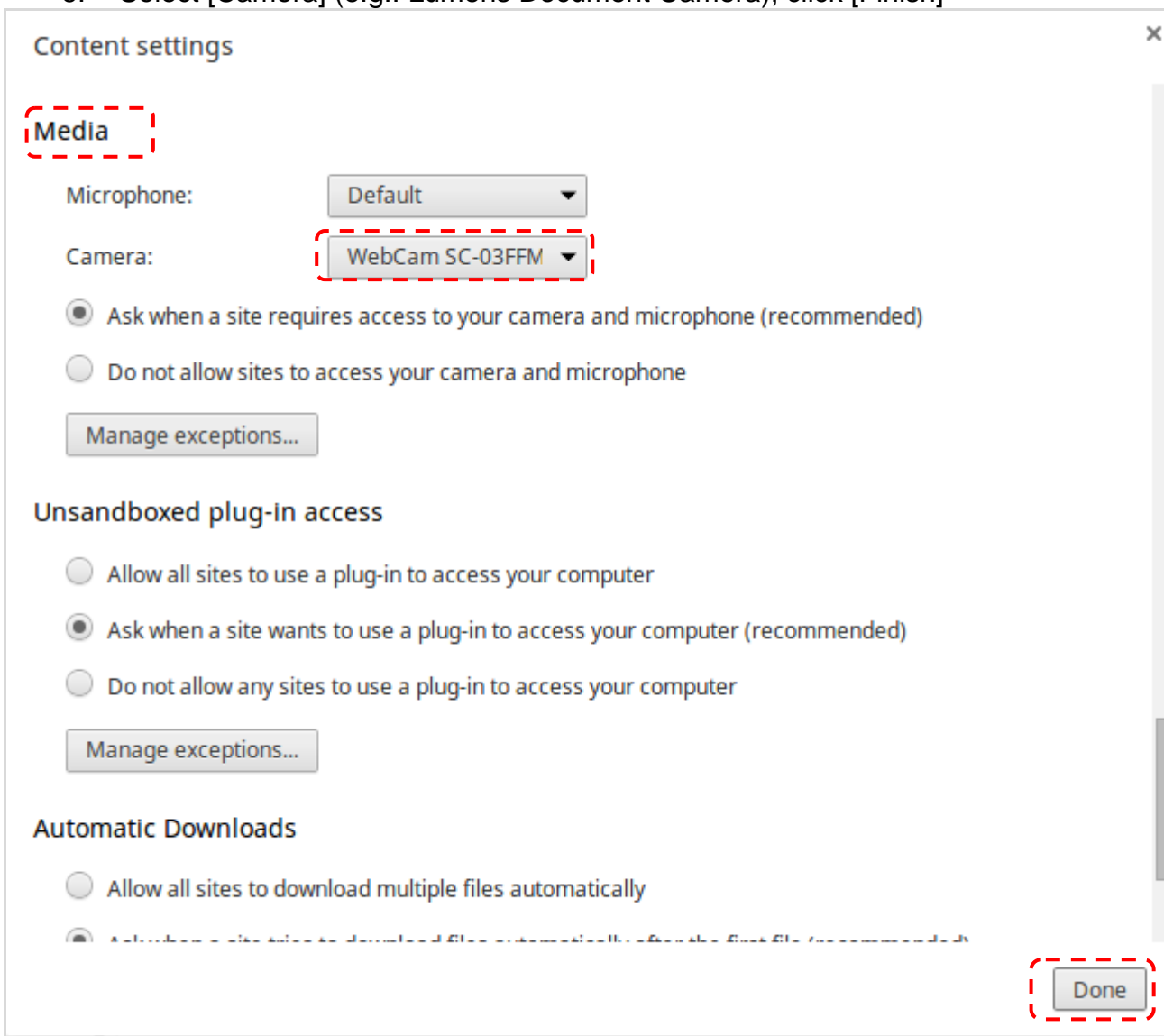




5. Click [Content Settings] to find [Media]



6. Select [Camera] (e.g.: Lumens Document Camera), click [Finish]



**8.3. When the resolution of Camera is switched, no images can be displayed by opening Ladibug Chrome.**

**Solution:**

1. Unplug and reconnect the USB cable, then open Ladibug Chrome again, the images will be displayed.

**8.4. Ladibug is forced to quit and permissions are disabled when uploading or deleting a large number of images on the image browser page**

**Solution:**

1. This system ran out of memory because too many data is being processed. Please re-install Ladibug.