



QPC20 F

USER Manual

The document visual presenter scanner is the quick and easy way to real-time display document and object or transform your paper document, object to high-quality digital files, allowing you to manage, send or upload them to the cloud.

Part 1. [Features at a Glance](#)

- ◆ Auto-focus mode doc cam: stream live images directly to your PC or Mac.
- ◆ 5.0 Megapixel camera for exceptionally detailed HD images up to 2592 x 1944 pixels
- ◆ USB portable design makes your captures quickly and effortlessly
- ◆ Built-in LED light and a suite of other smart features
- ◆ Captures docs, textbooks, devices, 3D objects and more without taking up too much space.
- ◆ Bundled specific software enable for easy work.

Part 2. Product Part Name



Part 3. Specification

Sensor	5 Megapixel Auto-focus CMOS Digital Image Sensor
Focus mode	Auto Focus
Image depth	24bit
Image Resolution	2592x1944@15fps, 1920x1080@25fps, 800x600@30fps
Power Requirements	USB 5V, Powered by PC
System Requirements	CPU 1.0GHz Minimum, 1.6GHz Recommended, RAM 512MB Minimum, 1G Recommended
Scan Size	A4(210mm x297mm), or other smaller sizes
Lighting	LED light
Image processing	Screenshot, webcam capture, timedshot, annotation, zoom, and Image flip, using QCamera software.
Connections Required	1 USB 2.0 Cable to the computer
Supporting System	Vista, Windows 7, Windows 8

Accessories	USB Cable, CD
Warranty	2 Year
Certifications	CE,FCC, RoHS

Part 4. Connect to computer

- ◆ Connect product with computer via USB cable, the LED indicator will be light on.
- ◆ Install the QCamera software from the CD, or download from the QOMO website.

<http://qomo.com/FileList.aspx?FileType=1>

- ◆ Chose the resolution 800*600 /1920*1080 /1944*2592 from the Camera button



Part 5. Software Operation

The software consists of three parts:

- Camera Display Area
- Resources
- Toolbar

Camera Display Area

Default Document Camera display area that shows images and videos.
Editing Area where annotation can be freely made such as text, lines and geometrical figures.


Resources

Display the software default resources, as well as the recent captured images and videos on the left of the screen. There are two options:

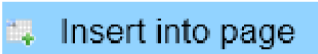


- Local Resources
- Recent Captured Resources


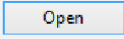
Clicking the button  to show and hide local and recent captured resource.

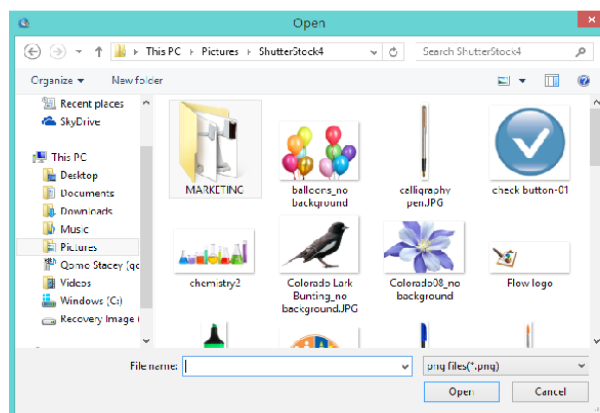
Clicking the button  to switch between local resources and recent captured resources.

Local Resources have a variety of categories including arrows, emoticons math symbols, etc. Double click the category folder to enter the thumbnail gallery of the resources. There are three ways to insert the resource on camera display area.

- Double click on the resource
- Right click the selected resource, and select  from the option menu.
- Drag and drop the selected resource onto the camera display area.

Note: Resource size can be changed in the System Setting.

Under the Local Resources, Click the  button, a window will pop up for users to choose the resource and file format from the computer. Select the desired resource and click the  button, it will be added onto the camera display area.



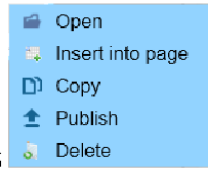
The QCamera software supports the following files formats:

- Image: PNG, BMP, GIF, PNG, JPEG
- Audio: WAV, MP3, WMA
- Video: MP4, RMVB, AVI, MOV
- Flash: SWF

Recent Captured lists the thumbnails of images, audio files and videos captured

by the QCamera software.

Right click on the thumbnails of the recently captured resource to get the



following options :































- Open: Open the resource directory that is stored in the local computer.
- Insert into page: Click to insert the resource onto the display area.
- Copy: Resource can be pasted into Microsoft Office programs.
- Publish: Upload captured resource onto the Facebook website.
- Delete: Delete the recent captures resource.



Toolbar

The toolbar enables users to select and use a variety of functions:



Icon	Menu		Description
QCamera	Help		Software update and version information
	Setting		Including system setting and camera setting
	Exit		Exit current application.
	Camera		Choose camera resolution 800*600 / 1920*1080 / 1944*2592
Screen Recorder	Region capture		Capture part of screen.
	Webcam capture		Capture live image.
	Timeshot		Capture image in fixed time.
	Screen Recorder		Take video and record.
	Undo		Undo the previous process on the drawing board.
	Redo		Redo the last process on the drawing board.

	Select		Select objects on the drawing board, adjust the location and size.
	Play Mode		Move the selected object in the Play Mode.
	Pen		Click the button to set the pen color and thickness, then use the Pen tool to draw.
	Highlighter		Click the button to set the color and thickness, then use the Highlighter tool.
	Figure		Click the button to select a figure and set the thickness, then draw figure on the drawing board
	Pixel erase		Clear part of the selected object, only for object drawn by pen and highlighter
	Object erase		Clear selected object
	Clear		Clear all contents on display area.
	Text		Input text on the board.
	Time Stamp		Display time on the screen
	Zoom in		Set live image to zoom in
	Restore		Return live image to normal size
	Zoom out		Set live image to zoom out
	Freeze		Freeze live image/Unfreeze live image
	Brightness		Adjust brightness of live image
	Contrast		 Set contrast of live image.  Part of properties can be changed in the settings of option menu
	Focus		 Default set as autofocus  Changed to manual mode and modify the focus value by pulling the secondary scrolling
	Title		Separate the screen in two horizontal parts during display
	Split		Split the screen in two vertical parts during display

	Rotate		Rotate image by 0°/90°/180°/270°
	Hide		Hide/show annotations & objects on the board.

Note:


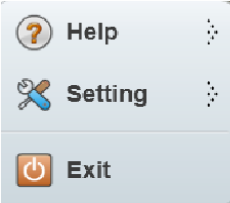
1. These buttons  are not available when camera is not connected.

2. When you choose freeze , these buttons  will not be available

Functions description

QCamera

User can check the user manual, version information and version update through using the menu. Also change the system setting and camera setting when it is needed.

Click the button  to open the option menu 

■ **Help:** click the **Help** button, three options show

- ✧ **Help:** Click to link the User Manual
- ✧ **Update:** Update the software.
- ✧ **About:** Display the QCamera version information.

■ **Setting:** Click setting menu , it comes with option menu

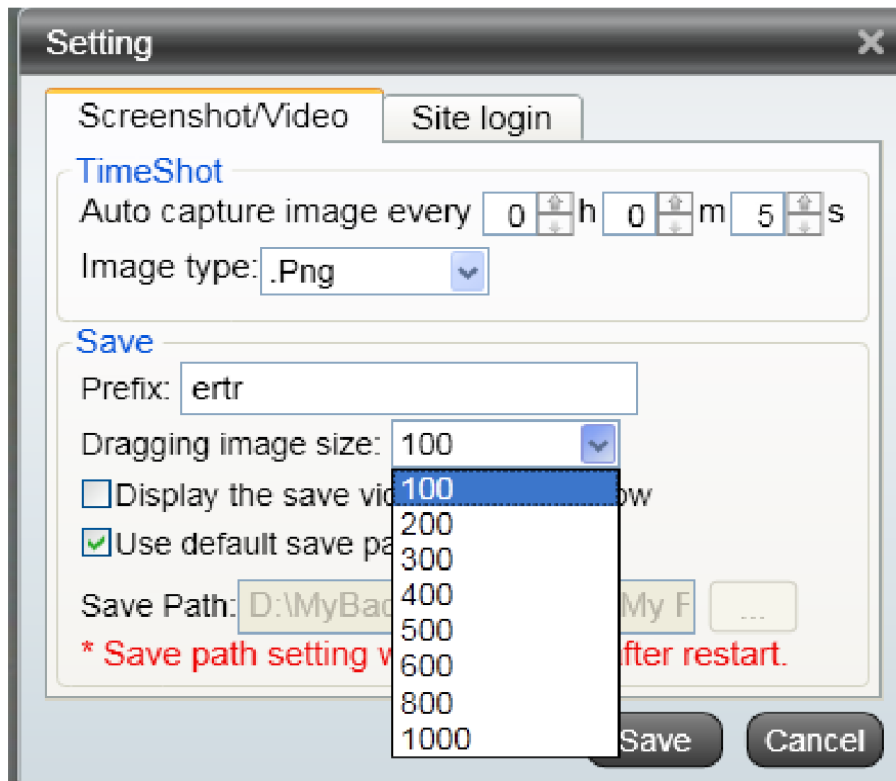
including **System Setting** and **Camera Setting** .

- System Setting

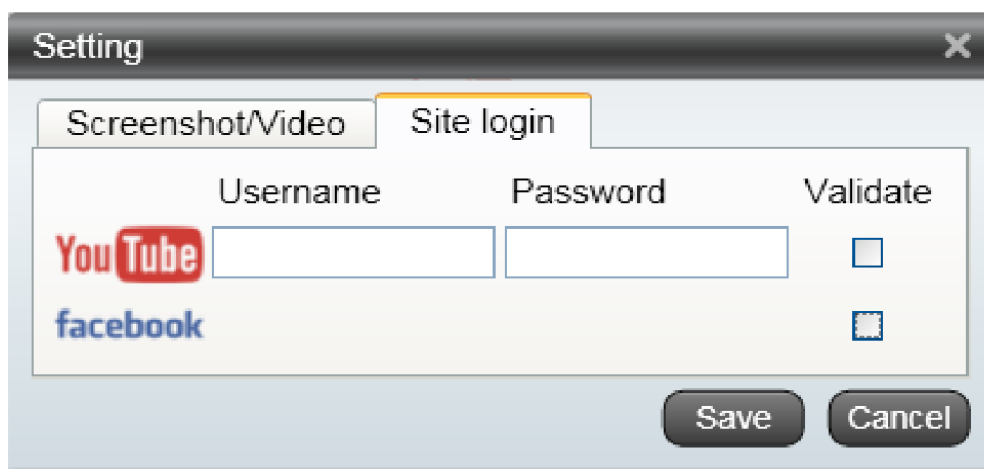
Under the System Setting window, two tabs will display: Screenshot/Video and Site login

✧ Under the **Screenshot/Video** tab, following functions can be realized:

- Set the image auto capture time, image type in the TimeShot list
- Add the prefix for the TimeShot image
- Customize resource size by choosing in the drop-down list
- Set default save path of captured images and videos

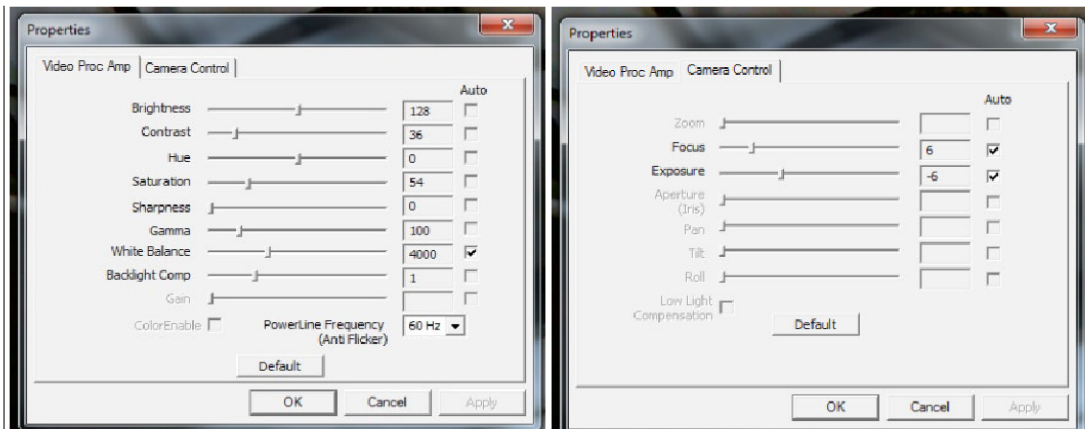


✧ Under the **Site login** tab, you can connect to resource-sharing or social network sites to share the screenshots and videos.



- Camera Setting


Click the **Camera Setting** menu, a window will pop out for adjusting the camera properties as Contrast, Brightness, Focus, etc.

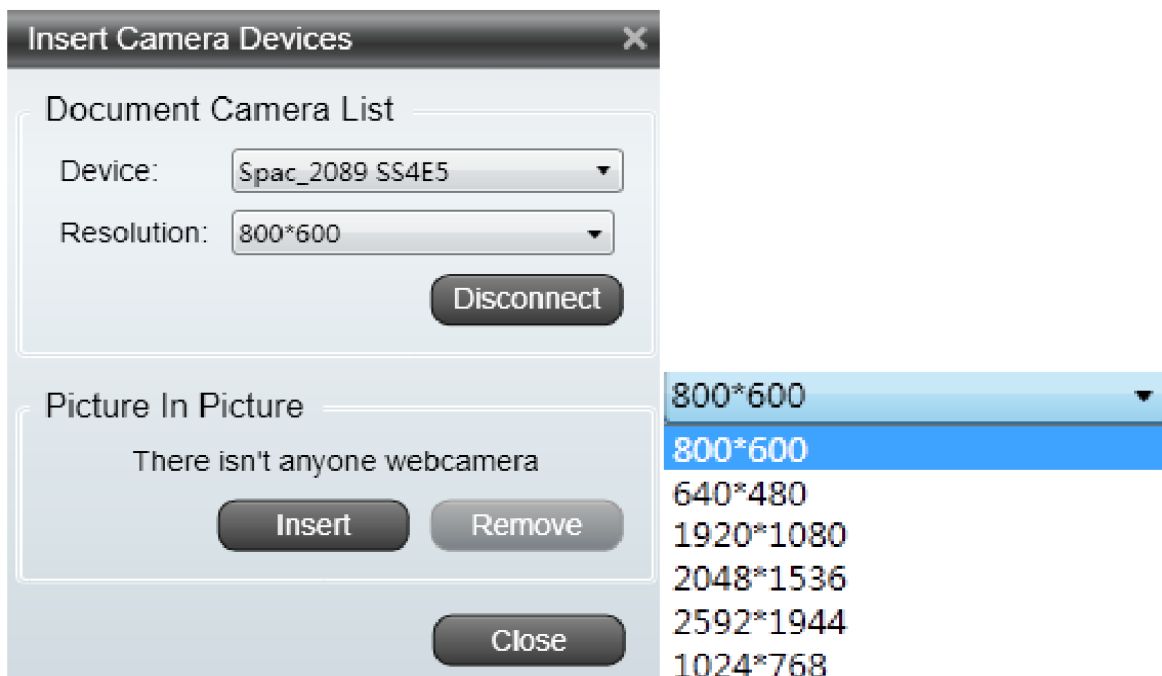


- **Exit:** Exit the QCamera software.

Camera

Camera function allows user to connect the Camera for live image, change the resolution as desired, and also connect local available video equipment.

Click the Camera button  , a window will pop out to choose the camera resolution



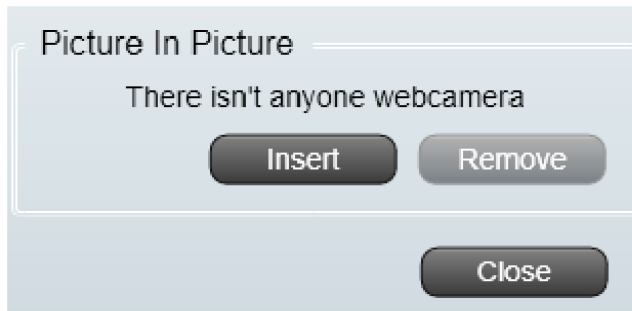
Select the Device “Spac_2089 SS4E5”, and choose the definition from the drop-down list (by connecting with QPC35)

Note:

1. The live image only can be automatically shown when the program is started by connecting with QOMO QPC35. If using other Document Camera devices, user needs to connect the camera as above operation.
2. Default resolution is 800*600.

If there is local camera device connected with computer, click the insert button

Insert from pop-out window, the camera live image will be shown on the Display Area with a small window.

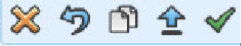


Capture and Record


Under this menu, user can realize Region capture, Webcam capture, Time shot and Video Recorder functions.


1. **Region capture**  :


Click the **Region capture** menu option. A half-transparent screen will be covered on the interface. Click and drag to choose the desired capture area. At

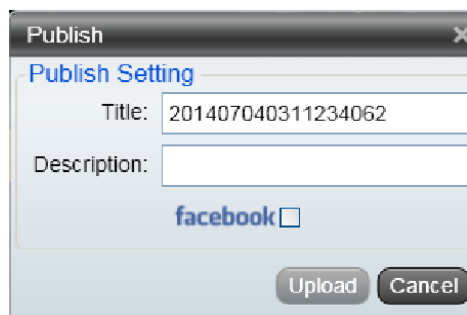
the right bottom of the capture image these options appear .

 : Exit the **Region capture**

 : Cancel **Region capture**, but the half-transparent screen will be remain on the board

 : Choose the clipboard button, the window will be minimized. The captured image can be pasted to Microsoft Office programs.

 : Choose the Publish button, and a window will pop up. The captured image can be uploaded into Facebook. You can add a description before publishing.



 : Click to save the image to the recent images.

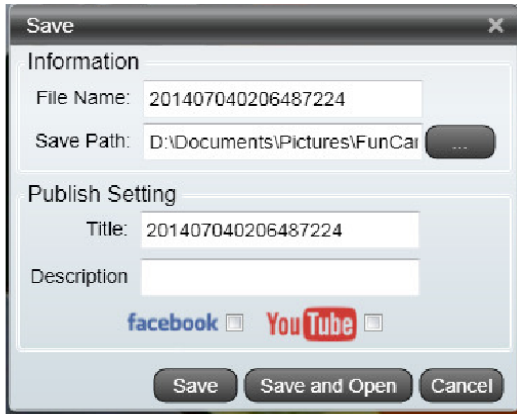
2. **Webcam capture**  :

Click the button to auto capture live image.

3. **Time shot**  ;



Click the button. A small window will pop up at the right bottom corner to show your recording time. When you close the timer window, you will be prompted to save your video.




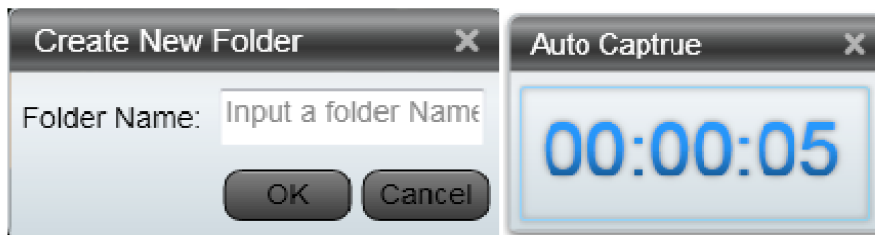
- Save: Save the video in the specified path.
- Save and Open: Save the video and open it for preview.
- Cancel: Cancel the recording.

Note:

1. Webcam capture and Video recorder functions will show and be used only when the camera is connected to the USB.
2. The Video Recorder pop-out saving window can be hidden /showed by ticking the item Display the save video record window in the System Setting Window.

4. Video Recorder

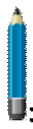
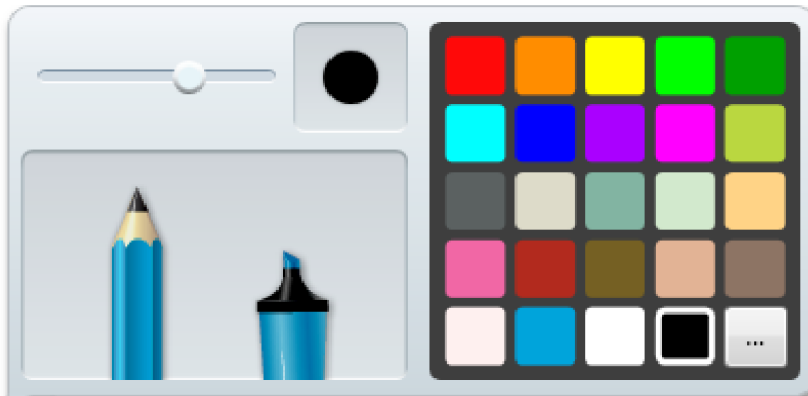
Automatically take screenshots in a fixed time lapse. Click the  button, a window will pop up, input a name for the new folder and click the button. The default is set to take a picture every five seconds. The images will be saved in the new folder under Recent Captured.



Note: time, image type, and save path, and image size can be revised in the System Setting window

Pen


Pen function provides writing tools. Users can create the freehand object by using the pen tools



: Pen can let you write or draw digital ink in a variety of colors and line styles.

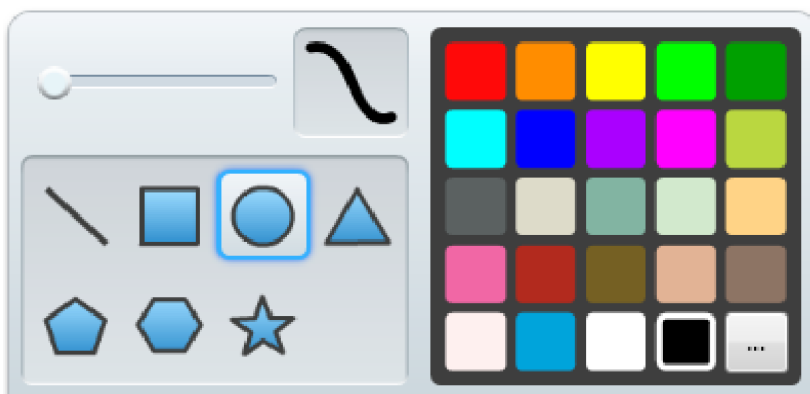









: Highlight text and other objects.

Click the Pen  , choose the pen style, select the desired color, set the thickness by pulling the Scroll Bar and write on the screen (default as black color).


Figure

In addition to creating freehand shapes and lines by drawing digital ink, user can create shapes and lines using figure tool.




						
Line	Square	Triangle	Circle	Pentagon	Hexagon	Star



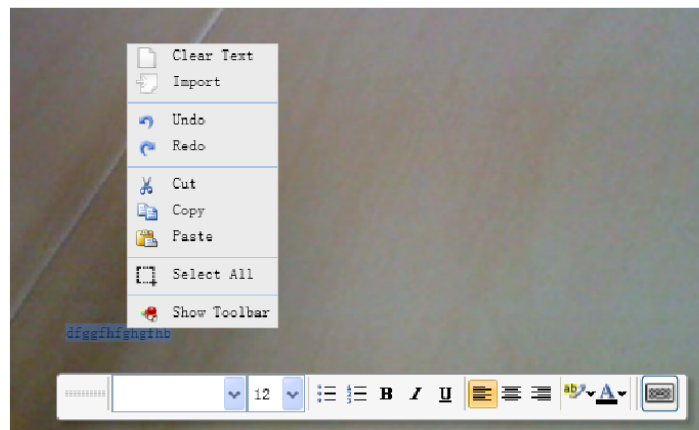
Click the Figure  , choose the shape style, select the desired color, set the thickness by pulling the Scroll Bar and draw on the screen(default as black color).

Text

User can input text through the Text button function and change its properties. Pop-out option menu by right click also serve users some favorite operations.

Click the button  first, and then click anyplace you want to input text. The text toolbar will display under the box.

Select the input text and an option menu will display



- Clear Text: Clear the text in the text box.
- Import: Import a file of *.rft or *.txt.
- Cancel tools: Redo, Undo.
- Editing tools: Cut, Copy and Paste.
- Select All: Select all content in the text box.
- Hide toolbars: show and hide

Part 6. Troubleshooting

Tips for using the Document Camera:

1. No image

- ✧ Cause: Poor connection

- ✧ Solution: Check if the white USB power **Cable** is connected and the light on **Camera Head** shows red

2. Poor focus

- ✧ Cause: 1). Not enough light or too much light
2). Object beyond focus
3).Unclean camera glass
- ✧ Solution: 1). Turn on/off Lamp Light and rotate **Lamp Button** to adjust brightness 2). Use cloth to clean the Camera glass

3. No video shown after application starts or after the device is selected

- ✧ Cause: Document Camera is being used in another program
- ✧ Solution: Re-connect the USB and choose the device

4. Video is not smooth

- ✧ Cause: Computer configuration might be low
- ✧ Solution: Change the Camera to lower definition.

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