

QCamera

User Manual

For Windows

V2.3

02/02/2022

Software Download

Search for QCamera in the Microsoft Store and download.
Or go to www.qomo.com/QCamera

Software Operation

1. The software consists of three parts:

- Camera Display Area
- Resources
- Toolbar

1.1 Camera Display Area

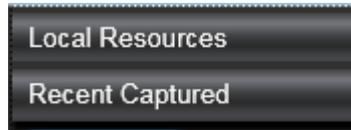
The default camera will be displayed in this area and can be edited on using tools in the toolbar.



Select the device (ex: “QPC20F1 Camera”) or other connected camera device, and select the resolution from the drop-down list (the resolutions displayed here depends on the camera you are using)

1.2 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:

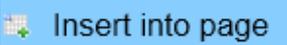


- Local Resources
- Recent Captured Resources

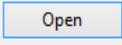
Click the button  to show and hide local and recent captured resource.

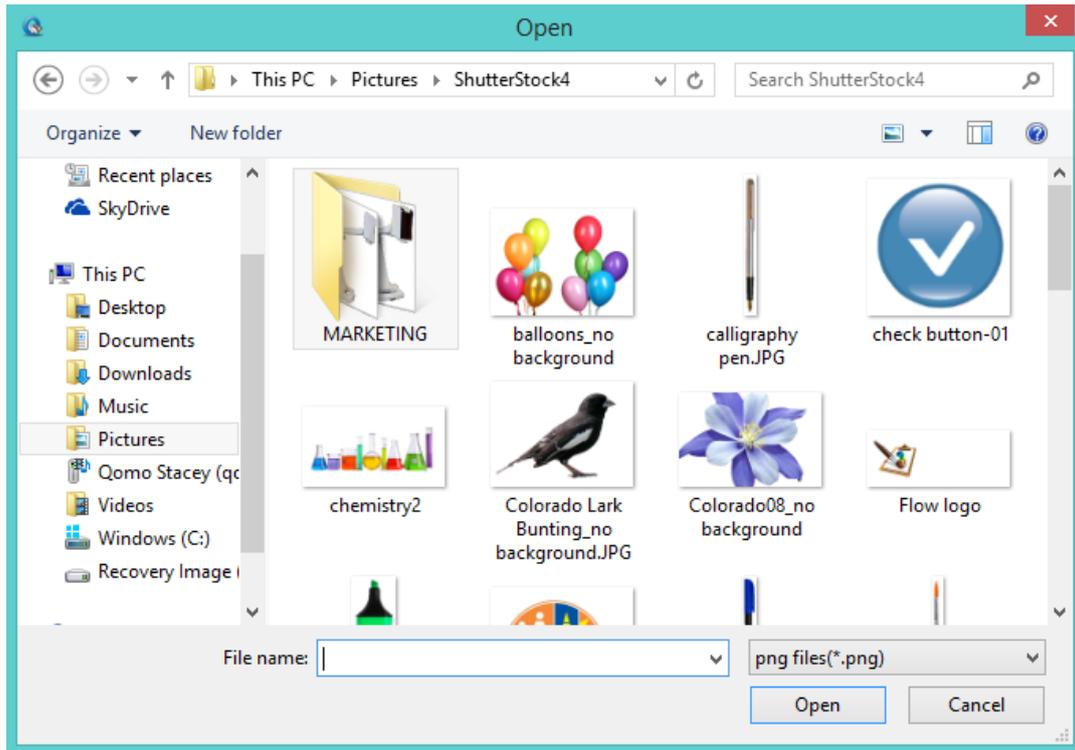
Click the button  to switch between local resources and recent captured resources.

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 you 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.

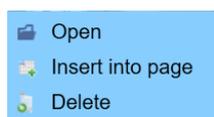


The QCamera software supports the following files formats:

- 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.
- Delete: Delete the recent captures resource.

Note: if the captured resources were used in the drawing board, it cannot be deleted directly. You need to go to the resource local directory.

After you drag the resource onto the drawing board, you can select it, and there will be an Editing Box displayed. Here, you can manipulate the resource object as below:

- Drag the right side of the resource to enlarge the length.
- Drag the bottom side of the resource to enlarge the height.
- Drag the button  on the right bottom side to uniformly enlarge image.
- Hold the button  to rotate the resource.
- Move the button  to change the resource location.
- Click the button  to delete the resource.
- Click the button  to mirror your image.

Note: these functions except delete and mirror also can be applied on the objects created by Figure function from toolbar.

1.3 Toolbar



Icon	Menu	Description	
	Help		Software user manual and version information
	Setting		System and camera settings
	Exit		Exit current application
	Camera		Choose camera and settings
	Region Capture		Capture part of screen

	TimeShot		Capture images in fixed increments of time
	Webcam Capture		Capture live image
	Screen Recorder		Record the whole screen
	Video Recorder		Record live video
	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
	Pen		Set the pen color and thickness Use the Pen tool to draw
	Highlighter		Set the color and thickness Use the Highlighter tool
	Figure		Select a figure and set the thickness Draw figure on the drawing board
	Pixel erase		Eraser for pen and highlighter annotations
	Object erase		Clear selected object
	Clear		Clear all contents on display area
T	Text		Input text on the board
	Time Stamp		Display time on the screen
	Zoom In		Zoom in on live image

	Restore		Return live image to default size
	Zoom Out		Zoom out on live image
	Freeze		Freeze live image/Unfreeze live image
	Mirror		Mirror image
	Brightness		Adjust brightness of live image
	Contrast	 Set contrast of live image  Camera properties can be changed in the settings menu	
	Focus	 Default set as autofocus  Can manually focus using scroller	
	Title		Split the screen in two horizontal parts during display First quadrant remains frozen
	Split		Split the screen in two vertical parts during display First quadrant remains frozen
	Rotate		Rotate image by 0°/90°/180°/270°
	Hide		Hide/show annotations & objects on the board.
	View Files		Open the video and photo storage folder

Note:

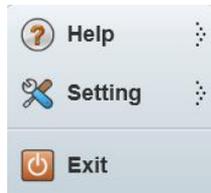
- These buttons  are not available when camera is not connected.
- When you choose freeze  , these buttons  will not be available.

2. Functions description

2.1 QCamera



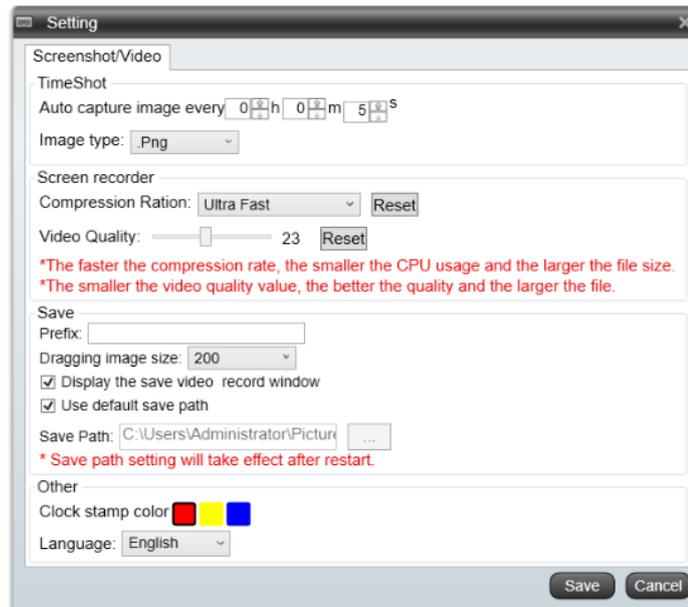
You can check the user manual, version information, and setting through using the QCamera menu.



- **Help:** click the **Help** button, two options show
 - ✧ **Help:** Click to open the User Manual
 - ✧ **About:** View the QCamera version information.
- **Setting:** Click setting menu , to enter **System Setting**.

Under the **Screenshot/Video** tab, the following settings can be set:

- Set the image auto capture time increment for TimeShot feature.
- Add the prefix for the image.
- Customize resource size that will be used in the drawing board by select the size choice in the drop-down list
- Set default save path of captured images and videos
- Set the Clock Stamp color as red, yellow or blue.



- **Exit:** Exit the software.

2.2 Camera

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

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



Select the device (ex: “QPC20F1 Camera”) or other connected camera device, and select the resolution from the drop-down list (the resolutions displayed here depends on the camera you are using)

Note:

1. *If using the QOMO product, software will automatically show the live image after it is started. If using other Document Camera devices, user needs to connect the camera as instructed by manufacturer.*
2. *Software can record the last resolution you used.*

If there is local camera device (webcam) connected with computer, click the insert button  from pop-out window, the camera live image will be shown on the Display Area in a small window.



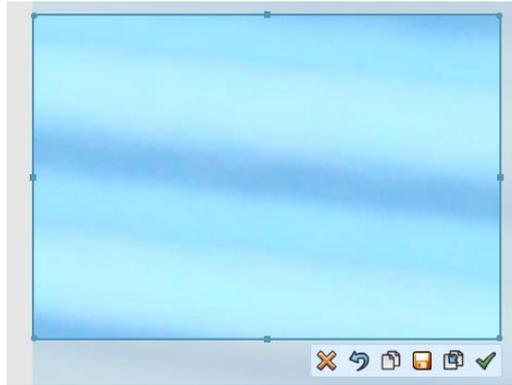
2.3 Capture and Record

Under this menu, you can use Region Capture, Webcam Capture, Time Shot, and Video Recorder functions.

2.3.1 Region capture :

Region capture allows you to select the desired captured area from the software interface.

Click the **Region Capture** menu option. A half-transparent screen will be covered on the interface. Adjust the size to desired area to capture.



At the right bottom of the capture screen shows menus for different functions.



 : Exit the **Region capture**

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

 : Copy capture region. The captured image can be pasted to Microsoft Office programs.

 : Save the captured image into designated local directory.

 : Duplicate the captured image on the drawing board.

 : Click to save the image to the recent captured list.

2.3.2 Time Shot ;

Automatically take screenshots in a fixed time lapse.

Click the  button, a window will pop up; you can change the new folder name (default as captured date) and click the **OK** button. The default is set to take a picture every five seconds. The images will be saved in the new folder under Recent Captured.



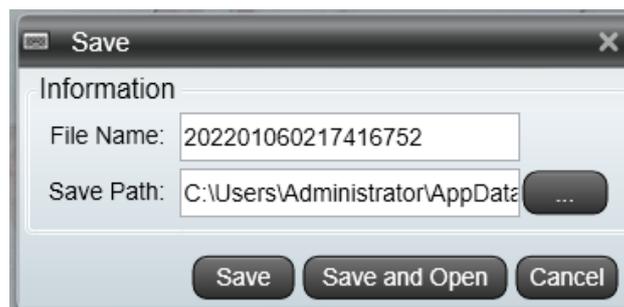
Note: TimeShot time, image save format, save path, and image size can be revised in the System Setting window

2.4 Video Recorder

Video Recorder offers you the function to record the live image in desired time.



Click the button. You can stop the recording by click , you will be prompted to save your video.



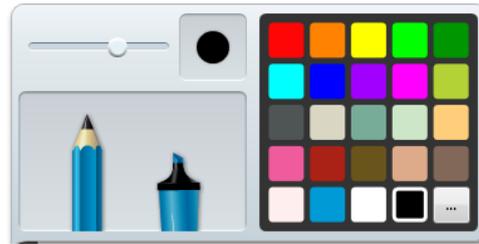
- Save: Save the video in the specified path.
- Save and Open: Save the video and open it for preview.
- Cancel: Cancel the recording.

Note:

1. Video Recorder function 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.

2.5 Pen

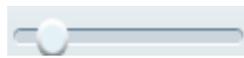
The Pen function allows you to write on your image or use a highlighter.



: Pen mode can let you write or draw digital ink in a variety of colors and line styles (default as black).



: Highlight text and other objects (default as yellow).



: Move the  button on the slider to modify the pen thickness.

To write with a pen:

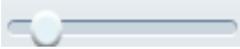
- 1) Click the **Pen** 
- 2) Choose the pen style
- 3) Choose then desired pen color
- 4) Set the pen thickness.
- 5) Write or draw digital ink on the drawing board.

2.6 Figure

User can create shapes and lines using figure tool.



						
Line	Square	Triangle	Circle	Pentagon	Hexagon	Star

: Move the  button on the slider to modify the pen thickness.

To draw a shape:

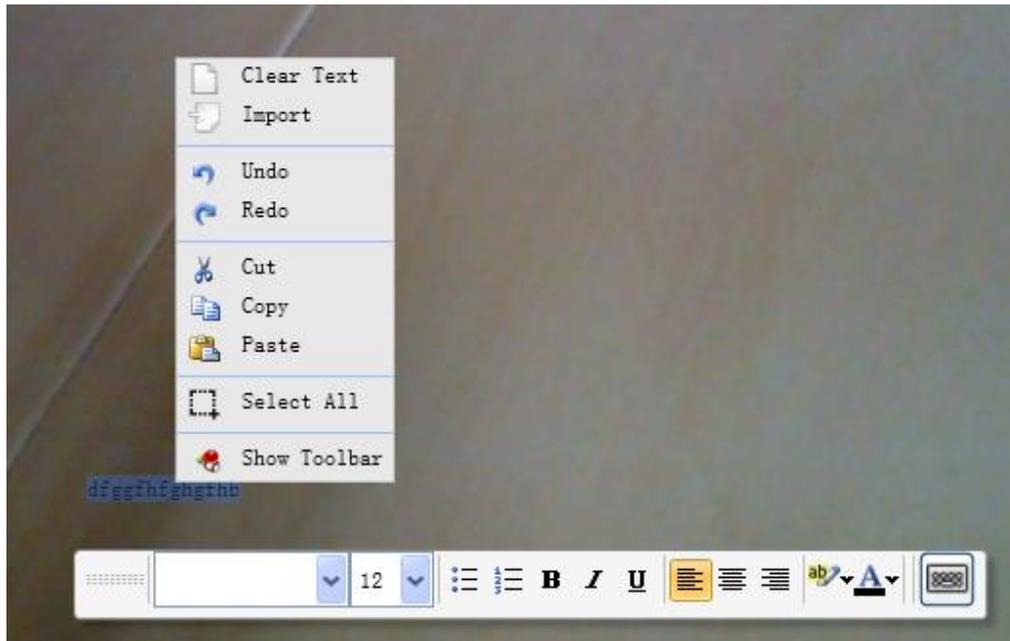
- 1) Press **icon**  .
- 2) Choose a shape.
- 3) Select the desired color (default as black).
- 4) Set the thickness by adjusting the slider.
- 5) Draw shape on the drawing board.

2.7 Text

You can input text through the Text button function and change its properties. When adding text, you can also import text files into the software by right clicking on existing text.

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

Right click the text and a menu will appear.



- 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.

Troubleshooting

Tips for using the Document Camera:

1. No image

- ✧ Cause: Poor connection
- ✧ Solution: Check if the USB power **cable** is connected and the light on the **camera** is illuminated

2. Poor focus

- ✧ Cause: 1). Not enough light or too much light
 - 2). Object beyond focus
 - 3). Dirty camera lens
- ✧ Solution: 1). Turn on/off Lamp Light and adjust brightness 2). Move camera or object

3). Use clean 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: Close other program, re-connect the USB and choose the device

4. Blurry image

- ✧ Cause: Focus is in manual mode
- ✧ Solution: Change to auto mode in the **Focus** Menu

5. Video is not smooth

- ✧ Cause: Computer configuration might be low
- ✧ Solution: Change the camera resolution to lower definition in camera settings