



# Document Camera

## QPC28 User Manual



Information in this manual is subject to change without notice.

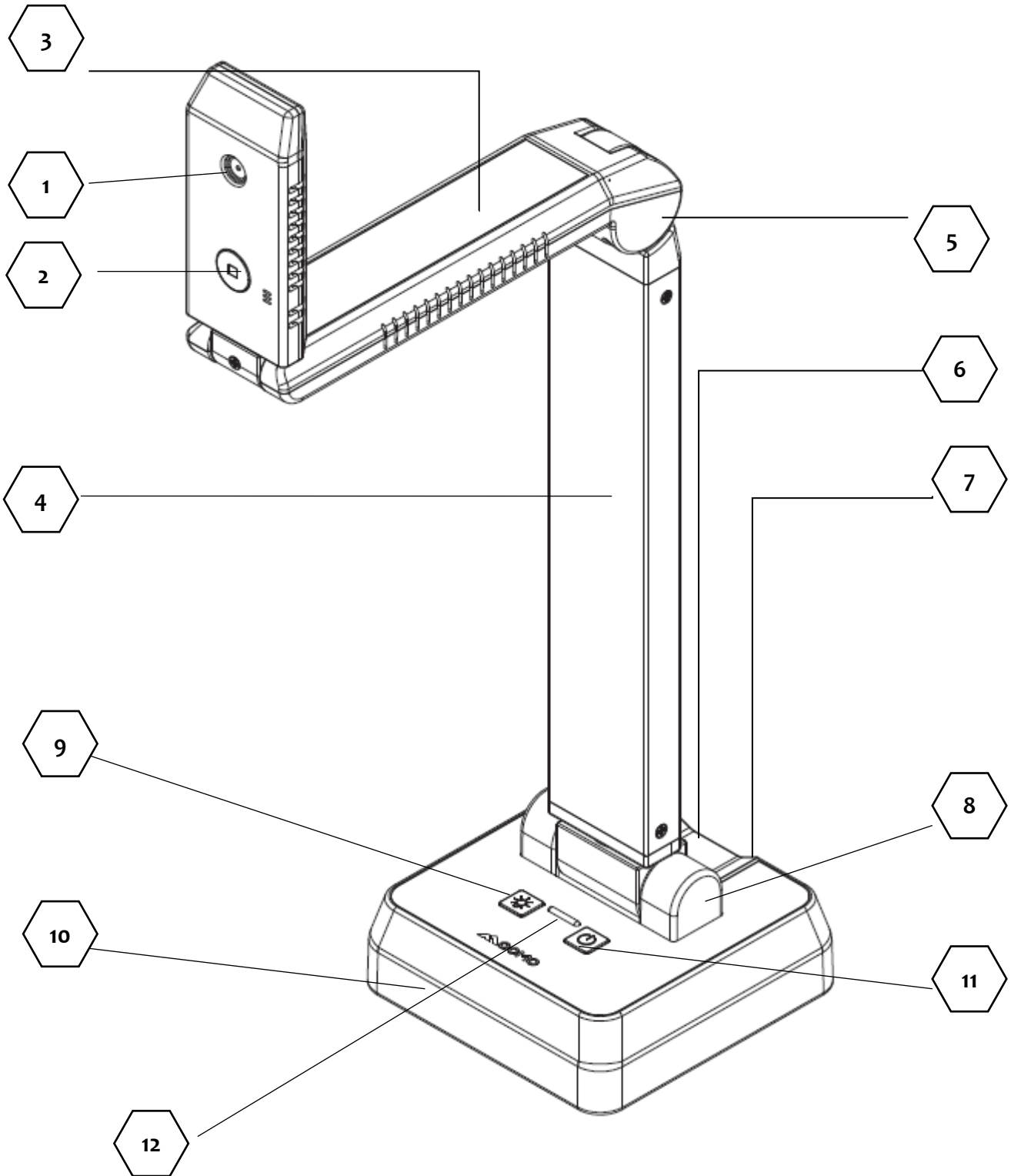
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## Precautions

- ◆ Do not look directly at the LED light source, this may cause retinal damage.
- ◆ Do not touch the camera glass, this may cause blurred images.
- ◆ Do not disassemble it to perform any repair. In case of damage please contact technical support.
- ◆ Do not use the unit continuously for more than 24 hours with camera auto focus on. It may cause damage to the camera lens.
- ◆ To prevent fire or shock hazard, do not expose the unit to rain or moisture.
- ◆ Be careful not to spill water or other liquids onto the unit, or allow combustible or metallic objects to get inside.
- ◆ Unplug and fold the Document Camera when it is not in use for an extended period of time.
- ◆ Clean the parts with a soft cloth lightly moistened with a mild detergent.
- ◆ Clean lens carefully with an air spray or soft dry cloth to avoid scratching.

# Parts Identification



No.	Part names	No.	Part names
1	Camera	6	USB2.0 Port
2	Built-in LED	7	USB2.0 Port
3	Mechanical Arm-1	8	Base Pivot
4	Mechanical Arm-2	9	Shortcut Buttons
5	Main Pivot	10	Compact Sturdy Base
11	Power button	12	Indicator light

For No.12 Indicator light:

- Shows red when charging
- Shows green when charging fully
- Shows blue when using

## Specification

Image Sensor	1/4" CMOS
Max. Pixels	8.0MP
Aperture	F=2.4mm
Auto Exposure	YES
Autofocus	YES
Auto White Balance	YES
Image Split	YES
Image Title	YES
Image Freeze	YES
Image Rotate	0 °, 90 °, 180 °, 270 °



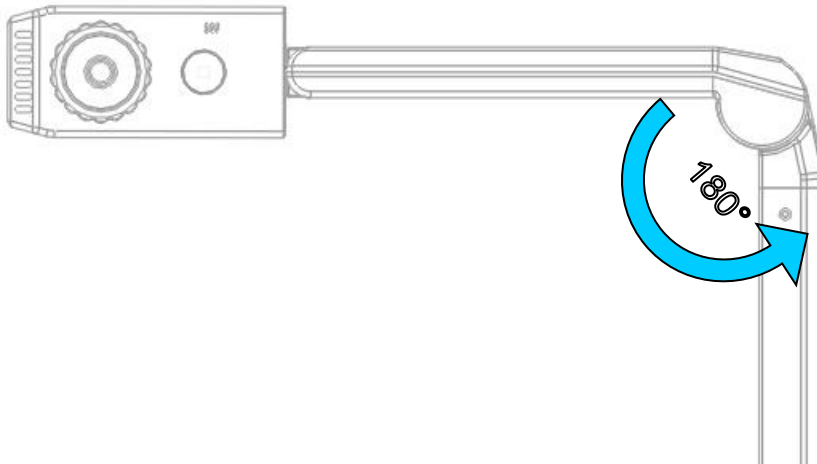
Zoom in/out	YES
Resolution Support	640*480, 800*600, 1024*768, 720p, 1080p, 5.0M,
Shooting Area	420*297mm
Frame Rate	5M@15fps
Video and Record	Video and audio record
Operating System	Windows XP/7/8.1/10
Lens Rotation	Vertically 180 °, Horizontally 270 °
Microphone	Built-in microphone
Lighting	4 built-in ultra-bright LEDs
USB Port	USB 2.0
Output Style	MJPEG/YUV
Power	DC 5V 500mA
Power Consumption	≤2.5W
Certificates	CE, RoHS
Warranty	2 years
Weight	1.8kg
Dimensions Folded	31.0*10.0*4.5 cm

## Make Adjustments

Mechanical arms and camera head on the document camera that can be adjusted for image shooting and video recording.

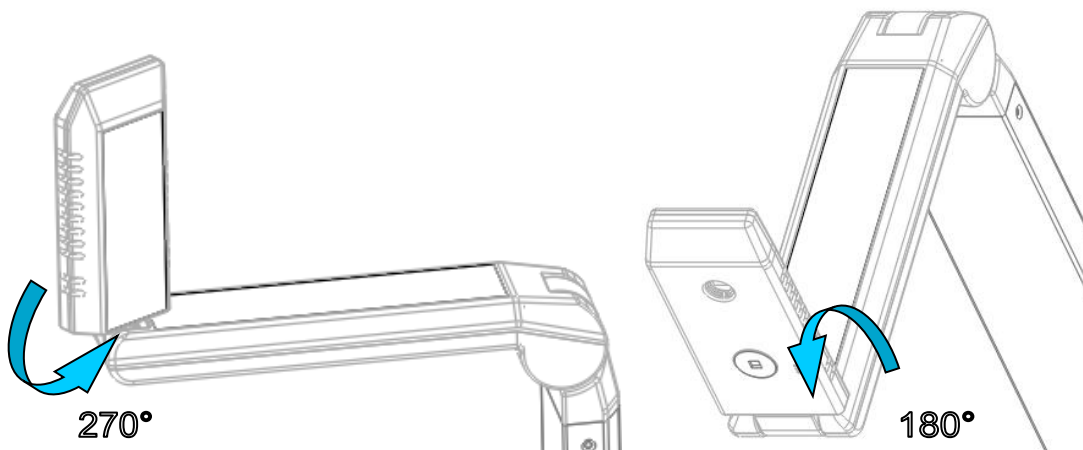
### **Adjust mechanical arm1**

The mechanical arm can 180 degree turn up and down to increase or decrease the image.




### Camera head adjustment


Camera head 270 degree rotate freely for live image and video taking from most of the view, plus the 180 degree up and down turnover for direction adjustment.



## Install and Connect

1. Install the matching software QOMO Camera from disk or our official site <http://www.qomochina.com/>. Follow the instructions during installation. The shortcut icon  will be displayed on the desktop after installation finished.
2. Open the software it will request you to connect the document camera.
3. If there is wifi, you will find qpc28 signal. Select to connect it. The original passwords is 12345678. If there is no wifi in your computer, please plug the Wireless network adapter. Then connect QPC28 signal.

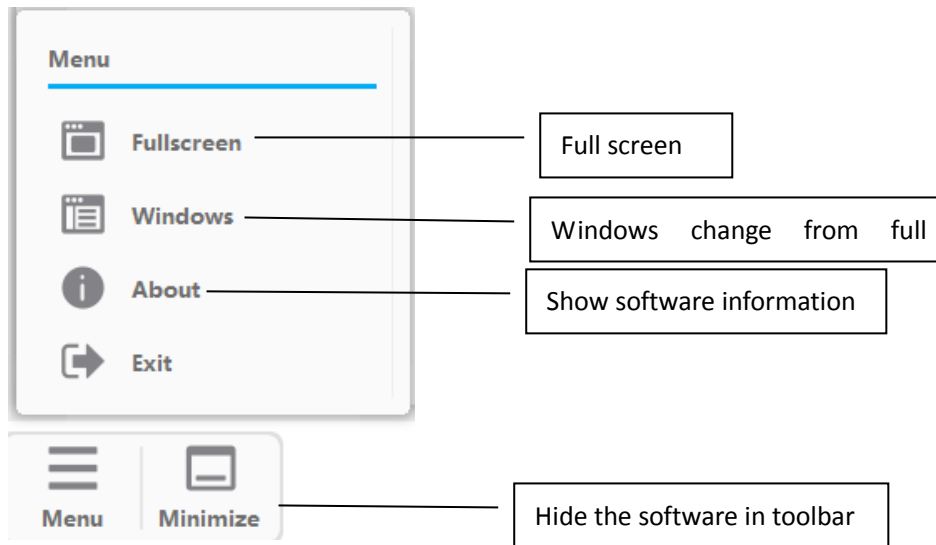
QPC28\_

已连接 

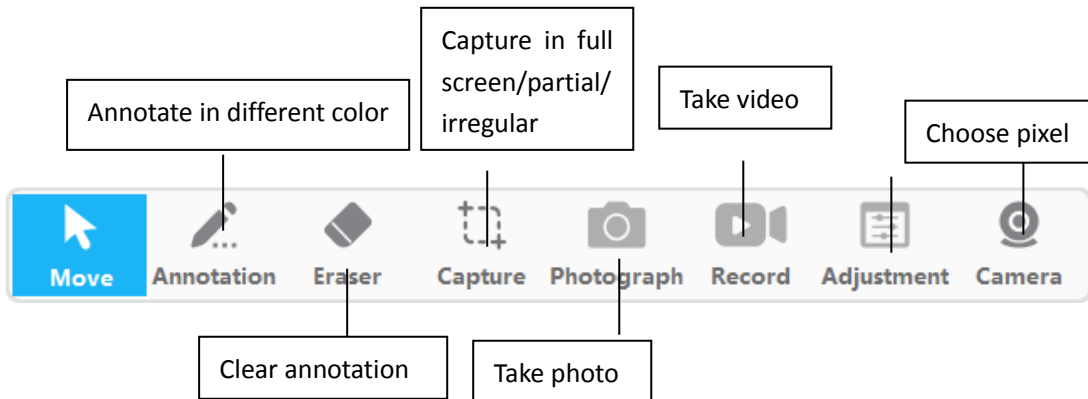
## QOMO Camera Software Features

- ◆ Menu



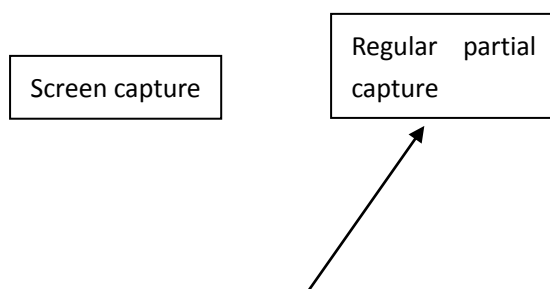


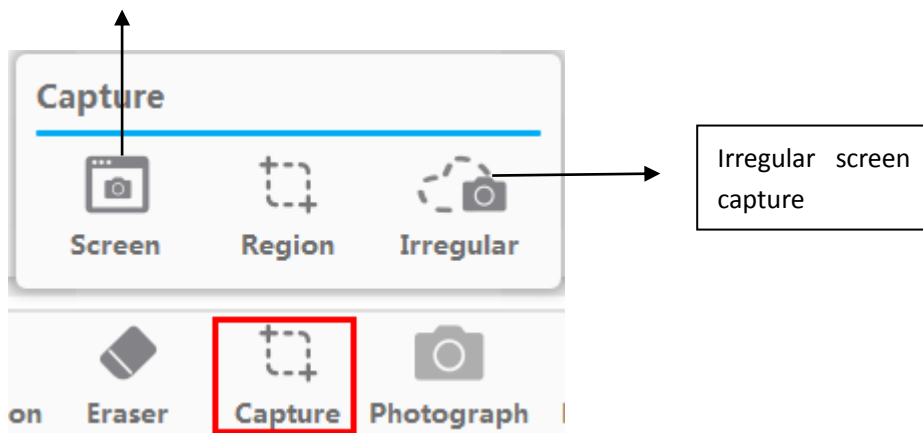
◆ Tool bar



◆ Capture

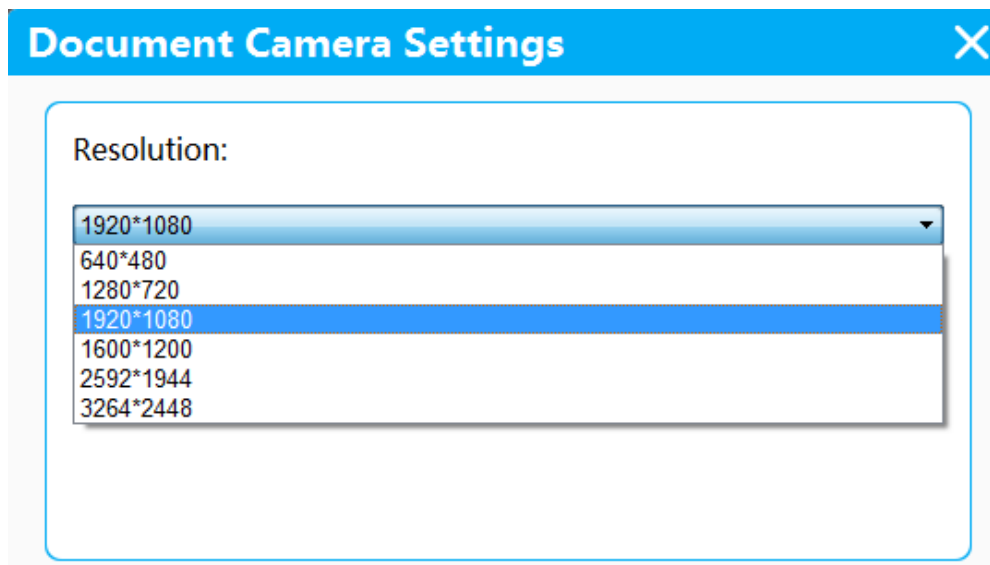
There are 3 models of capture: screen capture, regular partial capture and irregular capture. After capture you can open them in the right down corner menu “View files”.





- ◆ Camera

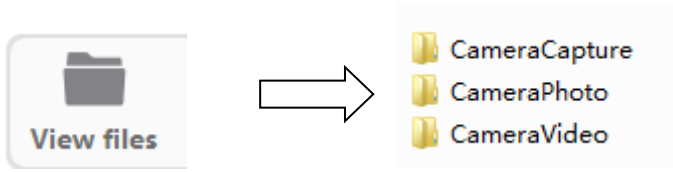
You can choose the pixel by clicking Camera



- ◆ View files

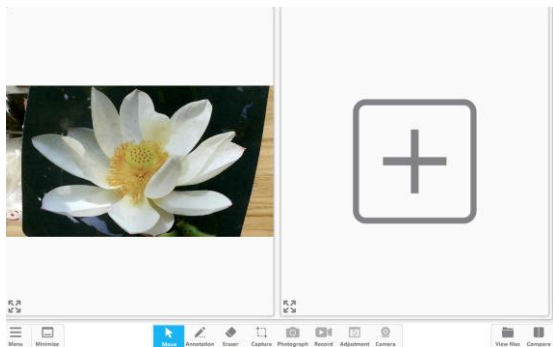
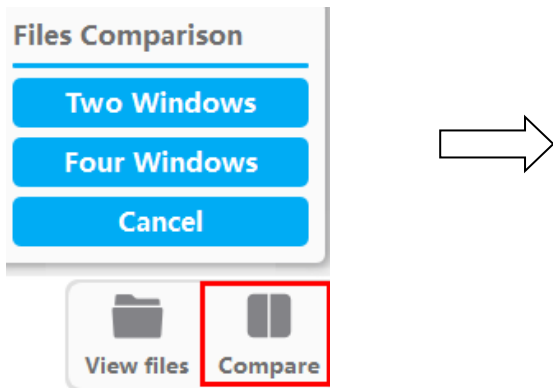
In the menu of View files, there are 3 documents to save different files.

Capture, Photo and Video. You can open any one by clicking it.

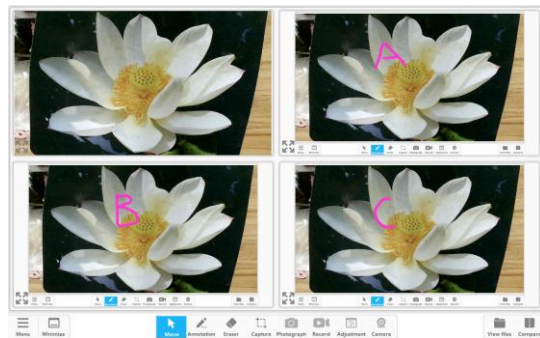


◆ Compare

Our software support you to compare files by two windows or four windows. Click “+” to add photos.



Two windows comparison



Four windows comparison

## Problems and Solutions

<b>Problem</b>	<b>Possible causes</b>	<b>Solutions</b>
No image	Poor document camera connection	Check if the USB power Cable is well connected and the light on base shows red.
Poor focus	Not enough light or too much light	Turn on/off the led lamps.
	Object beyond focus.	Adjust the shooting object position.
	Unclean camera glass.	Clean the glass with soft cloth.
No video after app starts or the device is selected.	Document Camera is being used in another program	Re-connect the USB and choose the device.
Blur image	Focus in manual mode	Change to auto mode by Focus Menu.
Video is not smooth	Computer configuration might be low.	Change the Camera to lower definition.
The image cannot be moved around	Freeze function of the device or in software is activated.	Press the Freeze button on the base or in the software to de-activate the function.
Glitter on the camera display area	Frequency difference.	Change the frequency (50HZ/60HZ) in the Camera Setting window.