



QAREQU C68 Microscope Camera User Manual

[Home](#) » [QAREQU](#) » QAREQU C68 Microscope Camera User Manual 

Contents

- [1 QAREQU C68 Microscope Camera](#)
- [2 Product Information](#)
- [3 Product Usage Instructions](#)
- [4 Connection](#)
- [5 Specifications](#)
- [6 Appendix](#)
- [7 Documents / Resources](#)
 - [7.1 References](#)
- [8 Related Posts](#)



QAREQU C68 Microscope Camera



Product Information

Specifications

- **Photo Pixel (max):** 60MP (4:3), 40MP (16:9)
- **Video Resolution:** 2K 30FPS, 1080P 60FPS
- HDMI Output
- CMOS Sensor
- **CMOS Pixel:** 1/2.33 inch
- **Lens Mount:** C-mount
- **Micro SD Storage:** Min 4GB, Max 64GB
- **DC Power:** 12V 1A
- **Size:** 63 x 73 x 37mm (2.5 x 2.9 x 1.5)
- **Weight:** 150g (0.33 lb)

FAQ

- **Q:** Can I use the camera on mobile devices?
 - **A:** No, the camera is not compatible with mobile devices. It is driver-free and can be used on Windows/Mac computers.
- **Q:** Can I insert a micro SD card into the camera?

- **A:** Yes, you can insert a micro SD card into the camera. However, please note that if a micro SD card is inserted, the camera will work as a removable drive for files preview/playback/transfer.
- **Q:** How do I use the camera on a computer?
 - **A:** To use the camera on a computer:
 1. Download freeware like OBS or AMCap, or other compatible software for operation.
 2. Connect the USB cable from the camera to the computer. The camera will automatically turn on. DC power supply is not required.
 3. If you have a webcam or other camera connected to the computer, make sure to correctly select the device from the software menu.
 4. All buttons and menu of the camera will be disabled when using it on a computer. The operation is done through the software only.

Product Usage Instructions

Connection

To connect the camera to a monitor:

1. Use an HDMI cable to connect the camera directly to the monitor.
2. The monitor must support 1080P resolution in order to see the full-size video. If the monitor does not support this resolution, the video may not be displayed properly.

To connect the camera to a computer:

1. Use a USB cable to connect the camera to the computer.
2. The camera will automatically turn on when connected to the computer and does not require DC 12 power.

Buttons

The camera has the following buttons:

- **Power Button:** When the power supply is connected, the camera will turn on after 3 seconds. The indicator light will turn green. Press and hold the button for 3 seconds to power off the camera.
- **Menu Button:** After powering on, short-press this button to enter the menu. Press it again to go back to the previous menu level.
- **Digital Zoom In Button:** Use this button to digitally zoom in (maximum 7X) under camera mode.
- **Move Cursor Up Button:** Use this button to move the cursor up in the menu.
- **Digital Zoom Out Button:** Use this button to digitally zoom out under camera mode.
- **Move Cursor Down Button:** Use this button to move the cursor down in the menu.
- **Video Record Button:** Press this button to enter video record mode. Press the Camera icon to start/stop recording.
- **Back Button:** Use this button to go back to the previous menu level in the menu.
- **Take Photo Button:** Press this button to take a photo. The indicator light will turn red.
- **Select/Confirm Button:** Use this button to select/confirm an option in the menu.

Connection

HDMI

- Connect camera to monitor directly with HDMI cable, monitor must support 1080P resolution, otherwise you cannot see full size video.

USB

- Connect camera to computer with USB cable, it will auto turn on and does not require DC 12 power. Refer to Appendix: Using on computer for more information.

Buttons

-   When power supply is connected it will turn on after 3-second. Indicator light turns to green. Press and hold the button for 3-second to power off.
- After power on, short-press to enter Menu, press again back to previous menu level.
-   Digital zoom in (max 7X) under camera mode.
- Move cursor up in Menu.
-   Digital zoom out under camera mode.
- Move cursor down in Menu.
-   Enter video record mode, press Camera icon to start/ stop record.
- Back to previous menu level in Menu.
-   Take photo, indicator light will turn to red.
- Select/ Confirm in Menu.

Specifications

Photo Pixel (max)	60MP (4:3) 40MP (16:9)	Lens Mount	C-mount
Video Resolution	2K 30FPS 1080P 60FPS	Micro SD Storage	Min 4GB Max 64GB
HDMI Output	1080P 60FPS	DC Power	12V 1A
CMOS Sensor	1/2.33 inch	Size	63 x 73 x 37mm (2.5 x 2.9 x 1.5")
CMOS Pixel	1.33 x 1.33um	Weight	150g (0.33 lb)

Appendix

Appendix: About Micro SD Card

- Camera must under power off mode when insert/ withdraw card, otherwise it will turn off and need to power on again.
- Card must be formatted inside camera before record or taking photo (Menu > Format > OK).

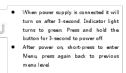
Appendix: Using On Computer

1. It is driver- free on Windows/ Mac computer, not for mobile devices.
2. Micro SD card cannot be inserted, otherwise it will work as removable drive for files preview/ playback/ transfer.
3. Download freeware like OBS or AMCap, or other compatible software for operation
4. Connect USB cable from camera to computer, it will auto turn on, DC power supply is not required.
5. Device must be correctly selected from software menu if you have webcam or other camera connected.
6. All buttons and menu of camera will be disabled, operation is done on software only.

More Information

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SunTime 100G, C68 Microscope Camera, C68, Microscope Camera, Camera

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