

# U171 User Manual



## Video Capture with Audio Quick Installation Guide Overview

This product is a video and audio capture card, which can transmit CVBS, S-Video and audio signals to PCs, smart phones and tablet computers through the USB interface to preview or capture. The device output supports two modes of YUV422 and MJPEG. It is also compatible with Windows, Android and MacOS systems.

## Features

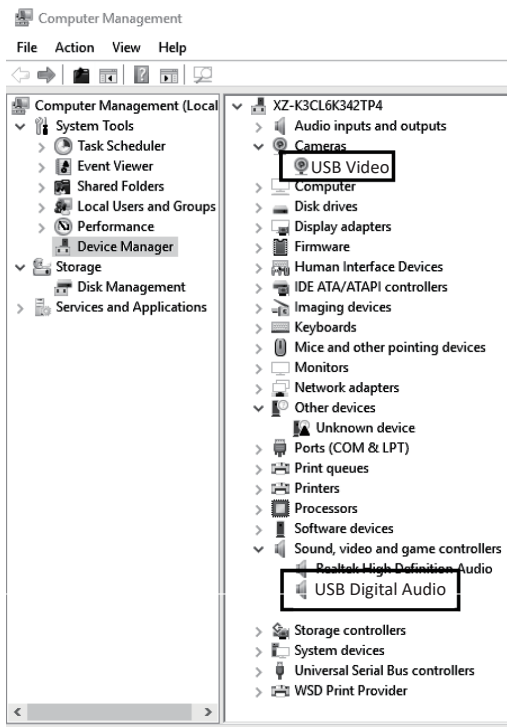
- Plug and play, automatic driver installation
- Capture video and audio via USB 2.0 interface
- Support brightness/contrast/saturation/chroma adjustment
- Video input supports CVBS and S-Video input, it is compatible with NTSC/PAL video format, and it automatically recognizes the video format of the video input signal source.
- Video output supports MJPEG and YUV422 formats, the maximum output resolution is 1920X1080@30Hz

## Specification

- Support both NTSC and PAL video formats
- Video input port: one is RCA composite input port, another is S-Video video input port
- Audio input port: stereo audio input port (RCA L/R)
- Supports recording of the highest video resolution:  
MJPEG: 1920X1080@30Hz;  
YUV422: 720X576@25Hz.
- Support system: Windows: XP/7/8/10  
MAC OS: 10.7 or more  
Android: 5.0 or higher

## Driver identification

Connect the USB Grabber to the computer's USB 2.0 port, Automatically install the driver, and the computer's device manager will find “USB Video” and “USB Digital Audio” as shown in the figure below.



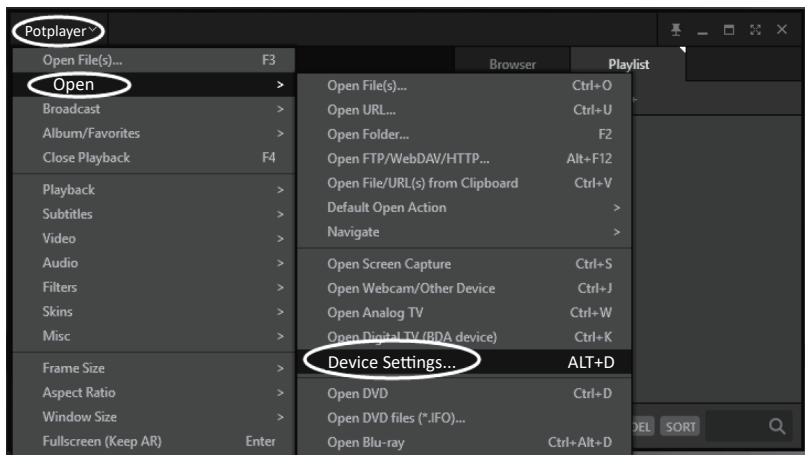
# Capture Card Usage Guide

## For Windows

### 1. PotPlayer

Run the PotPlayer software, click the PotPlayer drop-down menu in the upper left corner. Select "Open" and "Device Settings" Select the Webcam.

Select "USB Video" in the video capture device, "USB Digital Audio" in the audio capture device, and finally click to "Open Device". After a few seconds, the picture and sound will play normally.(The resolution can be selected in Format)



**Device Settings** ✕

Screen Capture **Webcam** Analog TV Digital TV DVD/Blu-ray

Video capture device

Device: USB Video v ...

Type: v

Format: MJPG 1920x1080 30 v

Audio: Use audio capture de v

Rescan Devices

Audio capture device

Device: 5-USB Digital Audio v

Input: Master Volume v

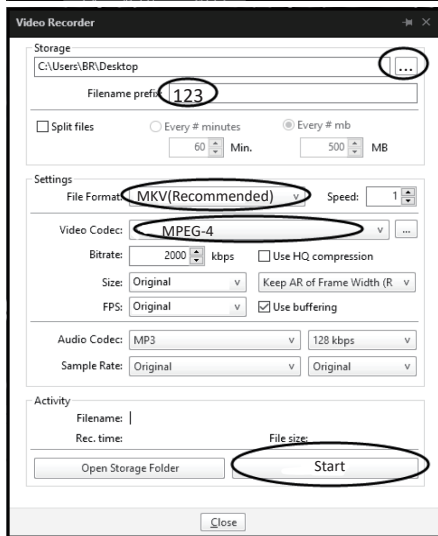
☒ Preview audio

Advanced Settings

☐ Enable timeshift

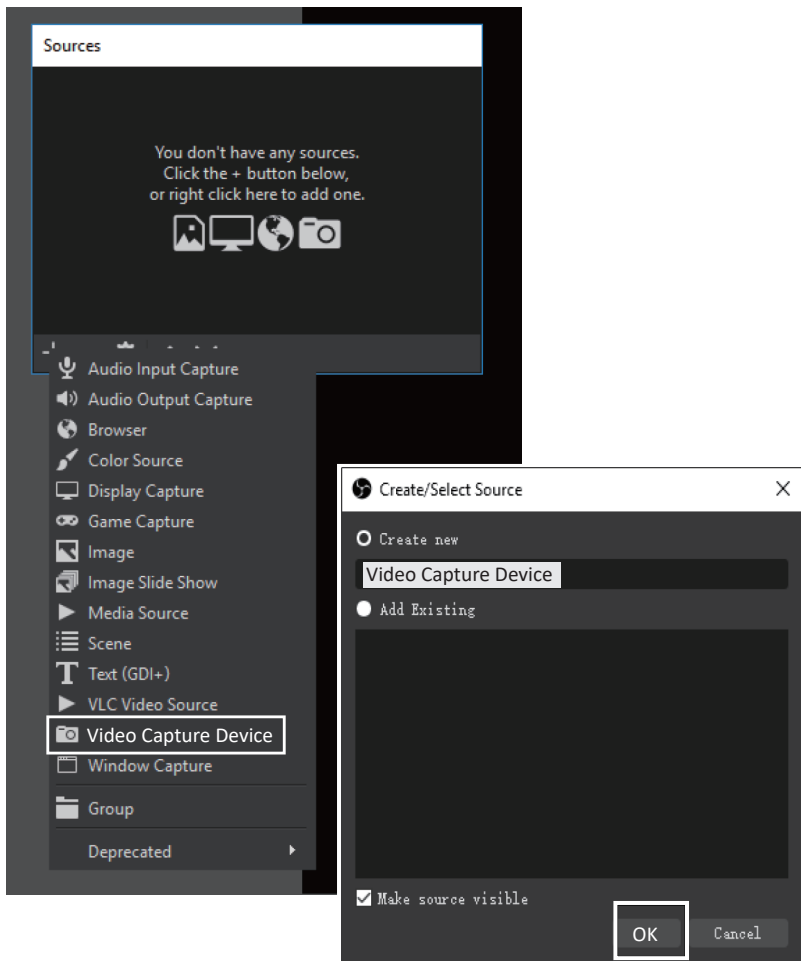
OK Cancel Open device

In the video window, right-click and select Video> Video Recording> Record Video, or use the shortcut key ALT+C to open the recording settings window. Set the parameters and click “Start” to start recording. After recording, click “Stop” to complete the recording.



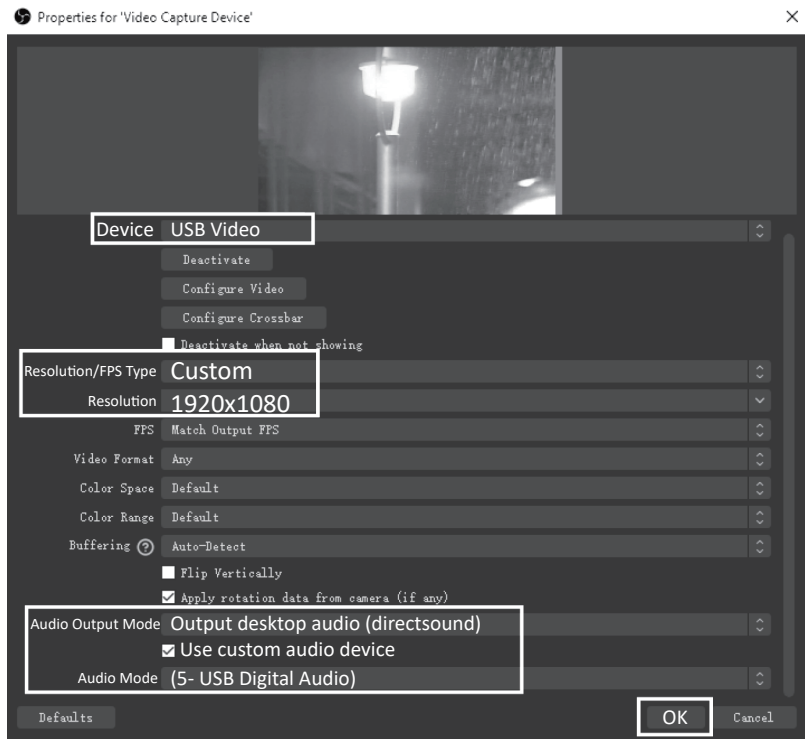
## 2. OBS

Run the OBS software, click "+" in the Sources window, select Video Capture Device, and click "OK" to open the Properties for "Video Capture Device" dialog box to set the capture card.



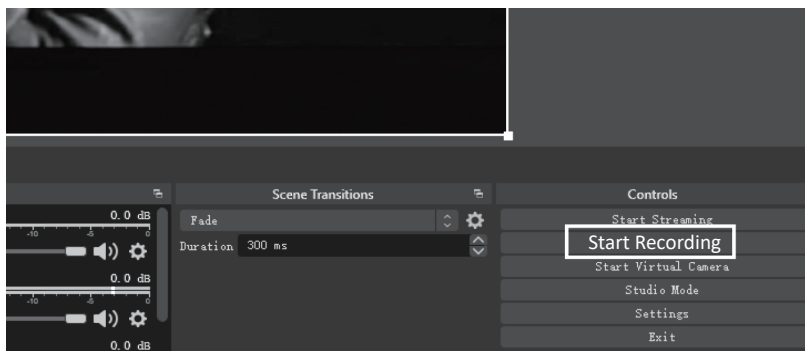
In the "Properties for "Video Capture Device"" dialog box:

- ① Select the video driver of "USB Video" in the device
  - ② Select "Output desktop audio (DirectSound)" in Audio Output Mode
  - ③ Check "Use custom audio device"
  - ④ Select "USB Digital Audio" in Audio Device
  - ⑤ Click "OK" to view and watch the video
- (The resolution is selected in Resolution)





After setting, click "Start Recording" to start recording video.

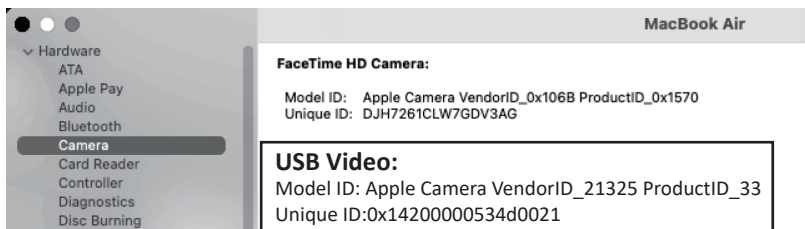


## For MAC

### QuickTime Player

After the product is connected to MAC computer, the product driver will be installed automatically.

After the installation is complete, you can go to "Apple logo"> "About this Mac"> "System Report"> "Hardware"> "Camera" to view the hardware driver. you can see the video driver "USB Video" in "Camera".



Run "QuickTime player", click "File"> "New Movie Recording" to open the capture window



After opening the capture window, click "V" to pop up the drop-down menu, select the video driver "USB Video" and the audio driver "USB Digital Audio", adjust the volume to an appropriate level, then you will see the appropriate video image and hear the sound on the QuickTime Player.





Click the record button to start recording video

