JVA04 HDMI to USB Type-C

Game Capture Station Manual

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1. Introduction

Thank you for purchasing the j5 JVA04! Our Game Capture Station supports 1080p @ 60 fps Full HD video capturing with 4K @ 60 fps input and pass-through. Easily run on your Windows or Mac OS laptop/desktop with no driver needed.

Supports live commentary streaming and party chat voice mix from PS4/PS4 Pro or Xbox One/Xbox One X and Mic in. It is compatible with OBS and other video editing software, perfect for assisting quick, live video editing.

1.1 Features

- ➤ 4K pass-through support (4K @ 60 fps)
- > Capture resolution up to 1080p @ 60 fps
- ➤ Audio recording mixer 3.5 mm Aux and Mic in
- ➤ Supports party chat voice from PS4/PS4 Pro or XBox One/Xbox One X
- ➤ Driver free on Windows* and Mac OS
- ➤ Low power consumption with high performance
- Free j5create capture software allows you to capture and stream games on your PC or notebook
- ➤ Aluminum design and LED indicator light



1.2 Package Contents

- ➤ JVA04
- ➤ USB 3.0 Type-C to A cable 3.3 ft/1m
- ➤ Audio cable 4.9 ft/1.5m
- ➤ HDMI 2.0 cable 3.3 ft/1m
- > QIG

1.3 Specifications

OS	Windows 7/8.1/10, Mac OS 10.8 or later, Linux					
	*Driver Installation required on Windows 7					
Video Input	HDMI (up to 4K @ 60 fps)					
Video bypass	HDMI (up to 4K @ 60 fps)					
Video Capture Resolution	480i @ 60 fps / 576i @ 50 fps / 480p @ 60fps / 576p @ 50 fps / 720p @ 50 fps / 720p @ 60 fps / 1080i @ 50 fps / 1080p @ 24 fps / 1080p @ 25 fps / 1080p @ 30 fps / 1080p @ 50 fps / 1080p @ 60 fps					
USB	Interface: USB Type-C 3.1 Gen1 Device: UAC, UVC					
Video Loop Resolution	480i @ 60 fps / 576i @ 50 fps / 480p @ 60 fps / 576p @ 50 fps / 720p @ 50 fps / 720p @ 60 fps / 1080i @ 50 fps / 1080i @ 60 fps / 1080p @ 24 fps / 1080p @ 25 fps / 1080p @ 30 fps / 1080p @ 50 fps / 1080p @ 60 fps / 4Kp @ 60 fps *Does not support HDR, 1440p, ultra-wide monitor					
Audio In/Out	1. Headset: 4-pole 3.5 mm phone jack (Mic in/Audio out) * Stereo microphone supported 2. Game controller: 4-pole 3.5 mm phone jack (Mic out/Audio in)					
Audio Frequency	48 kHz					
Compression	USB 3.0: MJPG/YUV 4:2:2 (Uncompressed) USB 2.0: MJPG (Up to 1080p @ 60 fps)					
Encode Format	MP4, H.264 / AVC + AAC					
LED Light	Power on: Blue USB 3.0 connection: Blue (Uncompressed) USB 3.0 connection: Blue (MJPG) USB 2.0 connection: Orange					
Power Consumption	USB 3.0 Normal: 850 mA, Max:1050 mA USB 2.0 Normal: 800 mA, Max:1000 mA					

1.4 System Requirements

Computer

- Windows 10 / 8.1 / 7
- Mac OS X 10.10 or later
- CPU: Intel Core i5 Gen 4, 3 GHz & above
- CPU: Intel Core i7 Gen 4 & above
- RAM: 4 GB memory or higher (8 GB is recommended)
- Driver installation is required on Win 7*; Download on "Drivers" page of www.j5create.com

Phone

- Available USB Type-C 2.0 port
- Compatible with Android 7.0 and higher
- CPU: Core 2 GHz & above
- RAM: 2 GB memory or higher (4 GB is recommended)
- USB PD 2.0 compatible for upstream charging

2. JVA04 Game Capture Station Software

Once you have finished your initial setup (source input), choose your preferred software, either j5's software or a 3rd party software, to begin video recording or streaming.

Recommended 3rd party software:

Windows: JVA04 Game Capture Station Software, OBS, XSplit Broadcaster

Mac: OBS, Quick TimeAndroid: Camera Fi Live

2.1 Installation

Download the "JVA04 Game Capture Station Software" from www.j5create.com under Drivers –scroll down to "JVA04 Game Capture Station" and download the software for your operating system.

The JVA04 Game Capture Station Software supports Windows 7/8.1/10 operating systems.



2.2 Software Features

- 1. Multifunctional, graphical software application program
- 2. Playback recorded videos in PBP mode
- 3. Snapshot format: BMP, JPG, PNG, TIFF
- 4. Continuous snapshots (counts from 1 to 20)
- 5. Supports Audio Commentary
- 6. Supports Live Streaming

3. Control Panel



3.1 Buttons

○○	Capture	LIVE	Live Streaming	SNAPSHOT	Snapshot	PLAYER	Playback
SETUP	Setup	MUTE	Mute / Unmute				

Capture: Click capture to record the scenes you want. Once captured, it will be saved to your Video Path.



To stop recording, click the capture button again or right click on the screen and select "Stop Capture".



Snapshot: Click on the Snapshot icon to take a snapshot. "Snapshot OK" will be displayed on your screen to indicate the image has been successfully saved in your file folder.



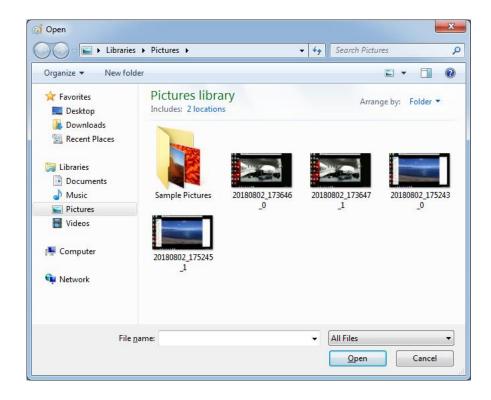
Audio Mute Mode: Turns the JVA04 Capture volume off when selected. Select "Mute" again to turn the volume back on.



Player: Play recorded files from your PC.



When you click on the player button, you can choose a recorded file to playback or a file from the folders on your PC.



A popup screen with the selected file will appear.



Setup: Adjust your settings



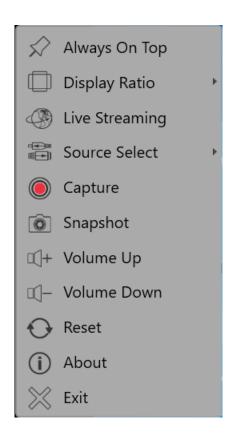
Live Streaming: Choose your video source

Please refer to "Section 4. Setup" before using the Live Streaming function.



3.2 The Tool Menu

Right click to access the tool menu



Always On Top: Activate to allow the JVA04 Capture window to always be on top of the other windows

Display Ratio: Change your display ratio to 4:3, 16:9 or Free

Live Streaming: Stream your video to Twitch, YouTube or a Custom RTMP website

Source Input: Switch the video input source (the auto detected source will show auto)

Capture: Click to begin recording

Snapshot: Select to take and save a snapshot

Volume Up: Turn the volume up

Volume Down: Turn the volume down

Reset: Resets the device and signal source

About: Displays the software version information

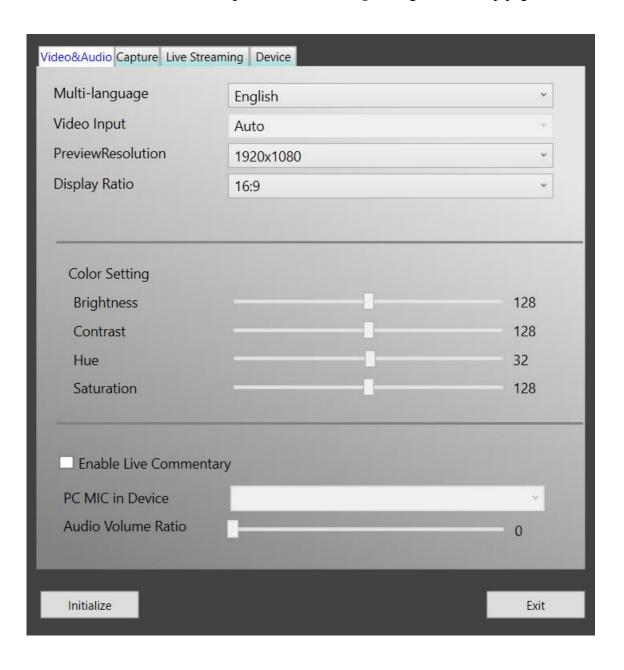
Exit: Closes/Exits the JVA04 capture window

4. Setup

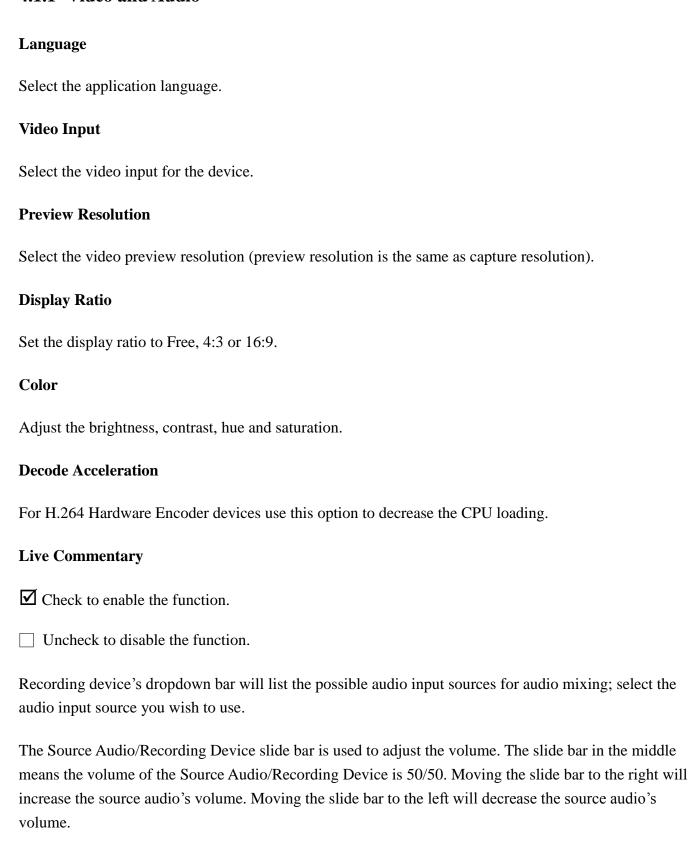
You can save your preferred settings in the setup page. Once the JVA04 Capture has been launched, click the setup button to access the setup page.

4.1 General Settings

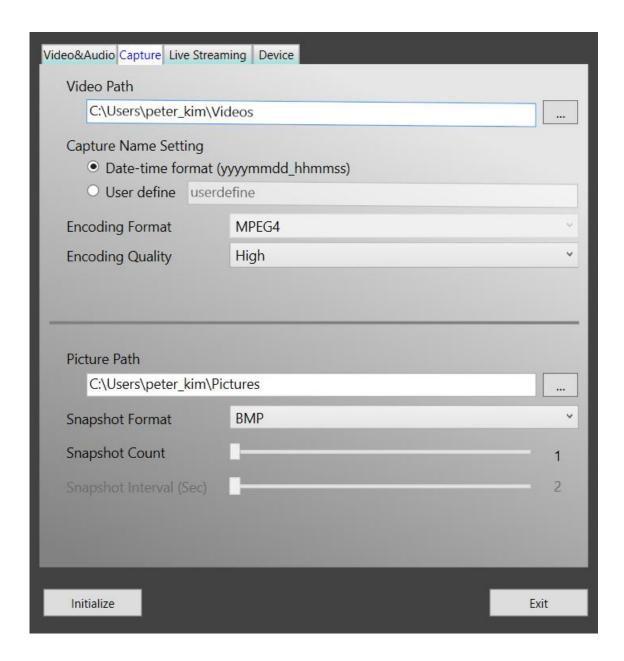
You can find Video & Audio, Capture and Streaming settings in the setup page.



4.1.1 Video and Audio



4.1.2 Capture



Video capture

Change the video path, the capture name setting, encoding format and quality. Encoding Acceleration helps to decrease CPU loading when capturing a 720p/1080p video.

Snapshot

The Snapshot functions allow you to setup the snapshot file format, choose where to save the pictures and choose how many pictures will be saved.

4.1.3 Live Streaming

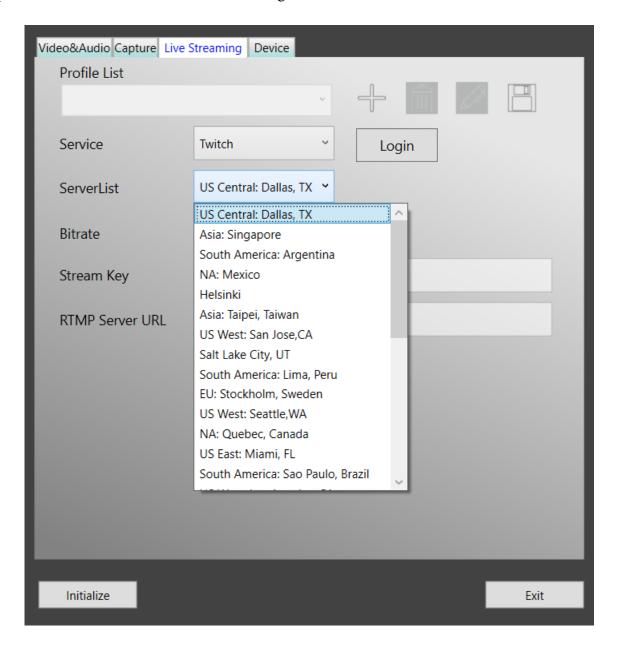
Setup the live streaming options.



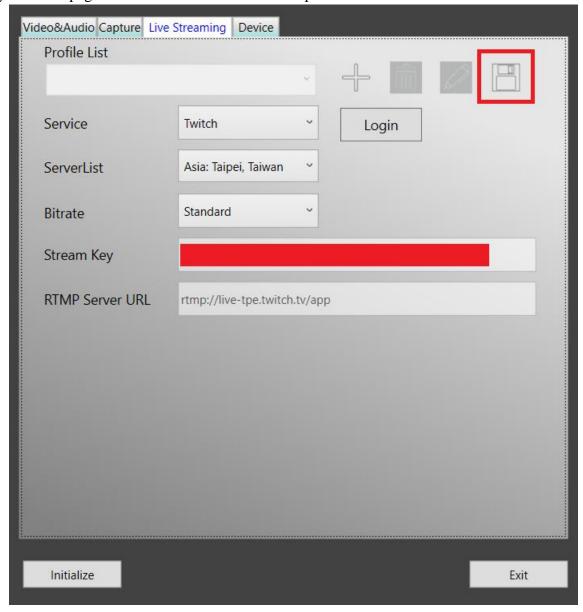
- Step 1: At the profile list choose "+" to add a new profile.
- Step 2 : Choose your preferred live broadcasting website: Twitch, YouTube or a Custom RTMP website Please fill in the URL and StreamKey for Custom RTMP streaming.
- Step 3: For Twitch streaming, login your Twitch account, or create a new account if you don't have one yet (to broadcast livestreaming, users are required to enable an account first).

 Twitch: http://www.twitch.tv/

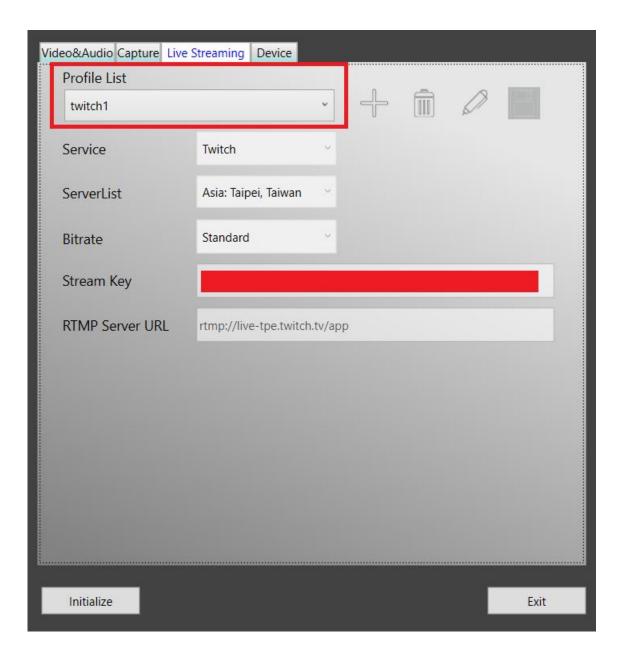
Step 4: Choose the Twitch server for streaming.



Step 5: If the username and password are given correctly, your live broadcast information will appear on the player on this page. Click the disk icon to save the profile.



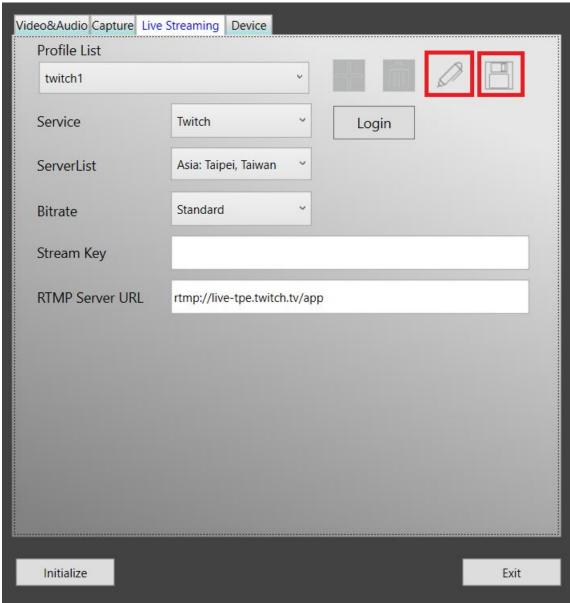
Step 6: The profile is saved.



Step 6-1.

If you want to change the profile information, select the profile and click the pen icon to edit the profile.

After editing is completed, click the disk icon to save your changes.



Step 7 : Go to the JVA04 capture preview window and click the live streaming button. The live broadcast will begin.



Step 8: The live site is shown when live broadcasting is successful.

