JavPlayer Manual Ver.1.07

Please do not sell, distribute or publish videos created using JavPlayer without the permission of the copyright holder.

Install

Extract zip to a location that does not contain double-byte characters in the full path and execute JavPlayer.exe.

If you cannot play H265(HVEC) video on Windows10, please install the following utility.
https://www.microsoft.com/en-us/p/hevc-video-extensions-from-device-manufacturer/9n4wgh0z6vhq?activetab=pivot%3Aoverviewtab

Uninstall

Delete the extracted folder.

If you delete JavPlayer.udj, user settings can not be able to restore.

Data Save

The content of the setting panel is auto-saved to "JavPlayer/JavPlayer.udj".

Save will be executed when start playback or quit the application.

*In the case of capture, it is saved for **each target application**, not for each video.

Terms

Cell The rectangles that make up the mosaic.

2D-mode Normal video playback mode. VR video is also played back in 2D mode at the beginning.

3D-mode This mode is for rendering VR videos. You can change the orientation of the camera.

VR-mode This is a mode to watch VR videos using goggles.

Equirectangular A conversion format for projecting VR images on a sphere.

ProcessingSettings Parameters for mosaic reduction processing. Adjust to enhance the effect.

Marker Dividers placed on the seek bar to switch processing settings.

Swipe Operation to slide the mouse while pressing the left button.

MosaicReduction Non-AI super resolution processing by JavPlayer.

Decensoring AI super resolution processing by external tool.

Basic Operation updated!

① Record movies during playback or capture.

② Capture the screen of the DMM player etc in real time.

③ Open the file browser.

④ Load a video for comparison. Use the shortcut key (default: N) to switch videos.

⑤ Execute the decensoring process. You need to install DeepCreamPy in advance.

⑥ Switch the VR mode. You need to select the division pattern in the 3D-View settings panel in advance.

⑦ Open the Key Assignment panel.

⑧ Open the Environment Settings panel.

⑨ Open the 3D-View Settings panel.

⑩ Open the Screen Settings panel.

⑪ Open the Color Correction panel.

⑫ Open the Processing Settings panel.

⑬ Pause / Resume *Same as double-click the screen

⑭ Move the handle and seek.*Horizontal swipe allowed

⑮ Move the handle and adjust volume. *Mouse wheel allowed

Drag and drop the movie file to the window of this application and play it.

The window size will be adjusted automatically according to the movie.

You can also display still images (jpg, png).

If you press the Esc key while in the VR mode, file browser or key assignment, the original screen will be restored.

Toolbar

It is displayed above the seek bar only when the 'toolbar' is ON in the environment settings panel.

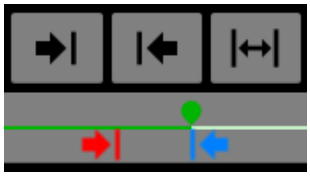
It includes buttons related to screenshot, loop(record) range, play speed, marker editing, and bookmark.

You can assign keys to all functions.

Normally, buttons related to copying and pasting parameters are not displayed.

They are displayed instead of the bookmark buttons only while the markers are placed and the processing setting panel is open.

Range specification



If you set the range with the toolbar buttons or the keyboard, only that part will be played repeatedly.

If only the start point is specified, the end of the movie will be the end point.

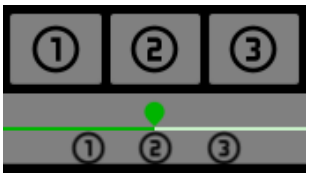
If only the end point is specified, the beginning of the movie will be the start point.

It returns to the start point at the moment past the end point, but before the start point it plays normally.

Loop is not executed during pause.

It is also used to specify **the range to record**.

Bookmark updated!



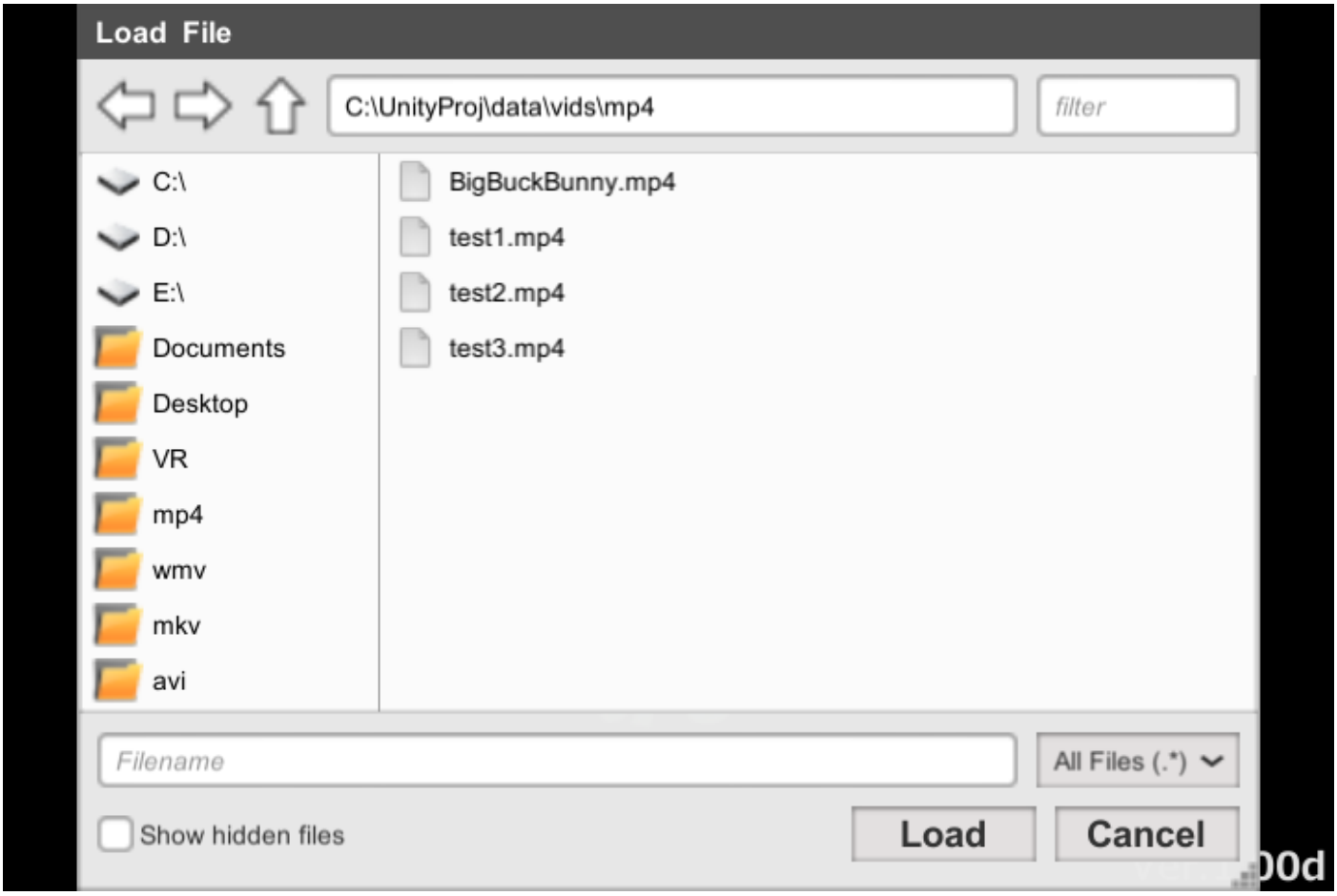
Selecting a bookmark (1-3) with the toolbar button or keyboard will place a bookmark marker at the current playback point.

If the selected bookmark has already been set, it moves (seeks) to the marker position.

If you select a bookmark while holding down the Shift key, the corresponding marker is deleted.

You can use additional bookmarks (4 to 9) by assigning shortcut keys.

File Browser



Double-click the file to start playback

The folder of the played video will be added to the left folder link. *up to 8

Opening and closing with shortcut keys (default: F key) is convenient when using a file browser frequently.

Sequential Playback

Video switching (default: F7 key, F8 key) is a function to play videos in the same folder continuously.

Intended to be used while wearing goggles in VR mode, but it can also be used for still images (png, jpg).

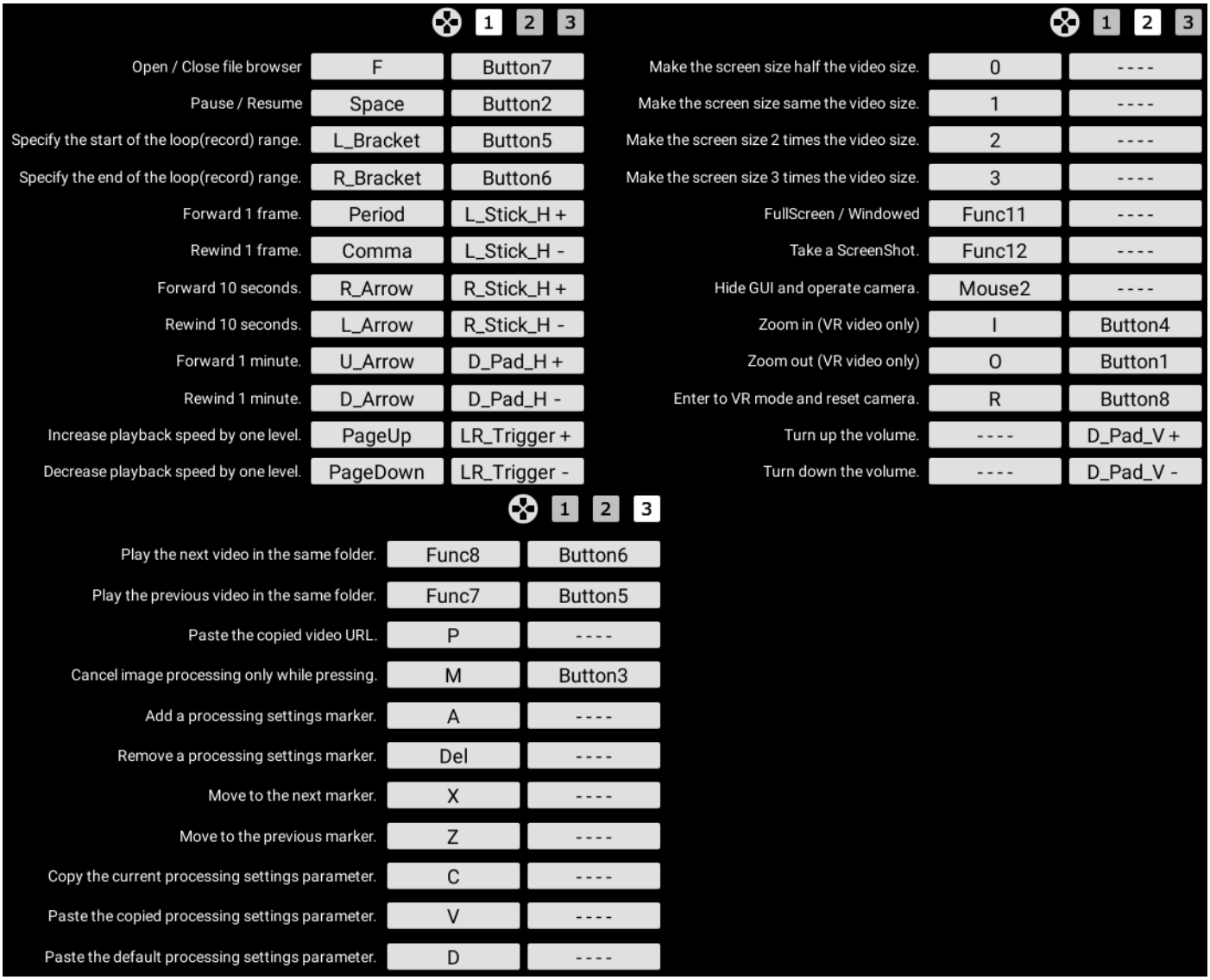
You can also load the last file after rebooting.

If you drag and drop multiple videos together, they will be treated as a video group.

The target of video switching is limited to files in a group and can be used as a simple playlist.

Dropping a single file or loading from the file browser will ungroup it.

Key Assignment



	1	2	3
Open / Close file browser	F	Button7	
Pause / Resume	Space	Button2	
Specify the start of the loop(record) range.	L_Bracket	Button5	
Specify the end of the loop(record) range.	R_Bracket	Button6	
Forward 1 frame.	Period	L_Stick_H +	
Rewind 1 frame.	Comma	L_Stick_H -	
Forward 10 seconds.	R_Arrow	R_Stick_H +	
Rewind 10 seconds.	L_Arrow	R_Stick_H -	
Forward 1 minute.	U_Arrow	D_Pad_H +	
Rewind 1 minute.	D_Arrow	D_Pad_H -	
Increase playback speed by one level.	PageUp	LR_Trigger +	
Decrease playback speed by one level.	PageDown	LR_Trigger -	

	1	2	3
Make the screen size half the video size.	0	----	
Make the screen size same the video size.	1	----	
Make the screen size 2 times the video size.	2	----	
Make the screen size 3 times the video size.	3	----	
FullScreen / Windowed	Func11	----	
Take a ScreenShot.	Func12	----	
Hide GUI and operate camera.	Mouse2	----	
Zoom in (VR video only)	I	Button4	
Zoom out (VR video only)	O	Button1	
Enter to VR mode and reset camera.	R	Button8	
Turn up the volume.	----	D_Pad_V +	
Turn down the volume.	----	D_Pad_V -	

	1	2	3
Play the next video in the same folder.	Func8	Button6	
Play the previous video in the same folder.	Func7	Button5	
Paste the copied video URL.	P	----	
Cancel image processing only while pressing.	M	Button3	
Add a processing settings marker.	A	----	
Remove a processing settings marker.	Del	----	
Move to the next marker.	X	----	
Move to the previous marker.	Z	----	
Copy the current processing settings parameter.	C	----	
Paste the copied processing settings parameter.	V	----	
Paste the default processing settings parameter.	D	----	

You can assign up to 2 keys or buttons for each function.
The default is to use a combination of keyboard(101) and pad(Xbox360).
Please change according to your environment.

Skipping will be executed continuously if you keep pressing.
It will be canceled if the start (end) of the range is set continuously at the same position.
Pressing the start and end setting keys simultaneously cancels both.
Process cancellation is a function to check the original mosaic, and it wScreenshots will be stored in "JavPlayer/ScreenShot/*_ XXX.png".

When you reset the camera, the goggle wearer's gaze direction will be in the front.
If it is executed only once, it will be reset to the horizontal state.
It will be reset in an inclined state if it is executed twice in a row (if it is facing down, the bottom is front).
Holding down the Shift key while zooming will change the camera's altitude.
Skip(Move playback point) will be executed continuously if you press and hold.

Capturing

Please start the target application and press the capture button.

The default target is DMM, R, DUGA, MGS, VLC player.

To capture other applications, please select in the list.

In order to improve image quality, bring the window size of the target closer to the movie.

It automatically retries even if the target window is lost by minimizing or resizing.

Capture is ended by pressing the stop button or start playing a movie.

*DMM Movie Player (UWP ver.) is not able to be captured.

* 'R Player Plus' is the overseas version of DMM player.

In Windows 7, the capture function does not work properly.

If you can not capture, please discontinue use.

VR-Mode

You can switch to VR mode only if you have selected a split pattern in the view settings.

Even when wearing goggles, you can switch to VR mode by executing reset (default: R key, pad button 7).

It is necessary to install SteamVR and connect the corresponding goggles.

Not only OculusRift and HTC-Vive but also OculusGo etc. connected to a PC can be used.

The operation test was performed with a smartphone and its goggle.

The software used is RiftCat2.0 (Windows) and VRidge2.0 (Android).

3D GUI is not implemented yet.

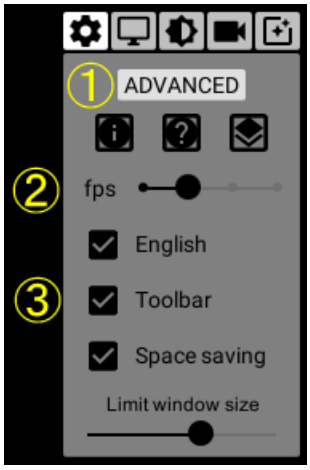
It is inconvenient without the game pad, but no problem.

There are various forms of VR video mosaics, and some of them can not be reduced at all.

It will not be a problem if the mosaic always looks like a square when playing in 2D mode of JavPlayer or a usual video player.

The image deformation process by the switch on the upper right of the processing setting panel is effective for some videos.

Environment Settings



① Open advanced settings panel that contains experimental items.

Please use it after getting used to JavPlayer.

② If you set it to 30 fps, capture delay will increase.

90 is for Oculus Rift and HTC Vive

③ Even if you turn off the toolbar, you can do all the operations with the keyboard shortcut.

Advanced Settings (Common)

External program execution mode : If Console is selected, You can check the progress of tgmain.exe, ffmpeg.exe, etc.

You can also limit the window to one.

Recording quality : Even if it is set to default (3), the bit rate will be higher than general mp4.

If video quality is important, 4 is recommended.

Destination folder for movies : The default is 'JavPlayer/Movie'.

Set it if it is troublesome to move the created video.

It is necessary to create a folder in advance and specify it with a full path such as 'D:/JavMovie'.

Advanced Settings (FFmpeg) new!

Extraction & composition image format : The file size of png is about 10 times that of jpg.

When the format of the composite image (blend) is set to jpg, the video quality slightly decreases.

When the format of the extracted image (raw) is set to jpg, not only the video quality but also the accuracy of the mosaic detection slightly decreases.

Processor to use for encoding : Using a GPU does not significantly reduce video quality.

Because GPU is heavily used in the composition process during encoding, CPU may be faster.

When I played a video encoded by CPU in my environment, the first 0.2 seconds was lagged.

Number of parallel composition : Multiple launching of JavPlayer in the composition only mode.

Parallelize in folder units in the same way as high-reso conversion.

Too many parallels may slow down the encoding of another process.

※Unless the recording method is **Safe**, all three are irrelevant.

Advanced Settings (TecoGAN) updated!

Processor to use : Select which processor will perform high-reso conversion.

If the GPU installed in the PC supports CUDA, select GPU0 normally.

Delete working folder : If 'Before recording' is selected, the converted image will not be deleted even if the recording is completed.

This is useful for finding the cause of troubles and re-recording from the middle.

Output video naming rules : You can add the recording mode (used model) to the video file name.

When recording the same video in multiple modes, it is convenient because it is easy to identify.

Extraction and recording speed : Select the speed of 'Fast' recording.

To avoid dropping frames, it is necessary to record on a sufficiently fast PC without any other work.

This is not relevant if you select **Slow** or **Safe**.

VRAM capacity not used by tgmain.exe : Reserve VRAM for use by other apps.

To avoid dropping frames, it is necessary to record on a sufficiently fast PC without any other work.

The more you make a reservation, the fewer the number of parallels will be.

But if you do other work during recording, please increase the value.

It is recommended to check the VRAM usage with GPU-Z before start recording.

Number of parallel processing (GPU): The actual parallel number is limited by capacity of VRAM and main memory.

The VRAM usage varies depending on the size of the image to be converted.

The main memory usage is about 1.2GB per process (6GB for 5 parallels).

Number of parallel processing (CPU): The actual parallel number is limited by capacity of main memory.

The main memory usage varies depending on the size of the image to be converted

TecoGAN installation folder : The default is 'JavPlayer/TG'.

Set this if you do not want to write a large amount of data on the drive where JavPlayer is installed.

It is necessary to create a folder in advance and specify it with a full path such as 'D:/JavTG'.

TGMAIN and TG-MODEL need to be moved to the specified folder.

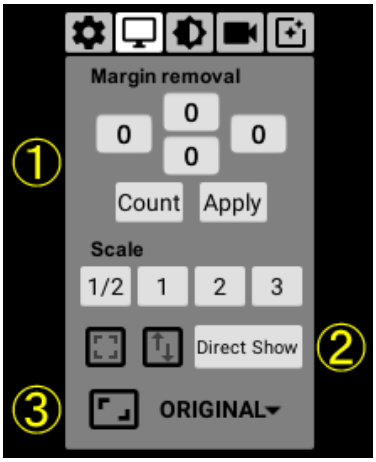
Advanced Settings (waifu2x)

Command line option to pass to waifu2x-caffe-cui.exe.

Since the option names have not been changed, you can find out more in the waifu2x-caffe documentation.

Only crop_size is replaced with the optimal value below the specified value.

Screen Settings updated!



① If the video contains a black border, press the measurement button and then press the apply button.

If you measure on a bright screen the correct value will be set usually.

If the capture target contains a non-black frame such as a status bar, you need to input manually.

② Select the decoder to use.

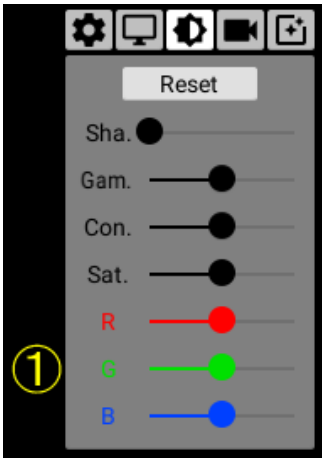
Usually use the new decoder, MediaFoundation.

Some old AVIs cannot be played properly unless DirectShow is used.

③ Select the aspect ratio of the screen.

While playing VR video in 2D mode, this setting will be ignored.

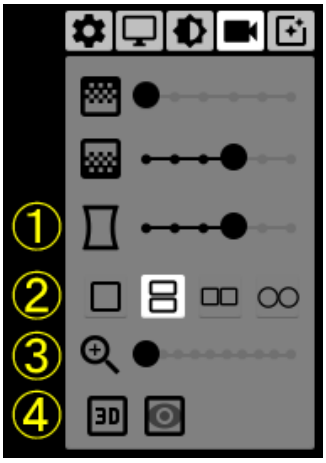
Color Settings



① You can adjust the brightness of the screen when you move R,G,B while holding down the Shift key.

If you leave the parameters on this panel as default, load will be slightly reduced.

3D-View Settings



① This setting is for detecting distorted or tilted mosaics. Normally set to 0.

When it is set to 1 or more, the slider for range setting (for upper and lower) is displayed.

② When VR video is loaded, it will be TopBottom or SideBySide.

If the automatic judgment is incorrect or if it is a fisheye type, set it manually.

Specifying a division disables mosaic reduction in 2D mode.

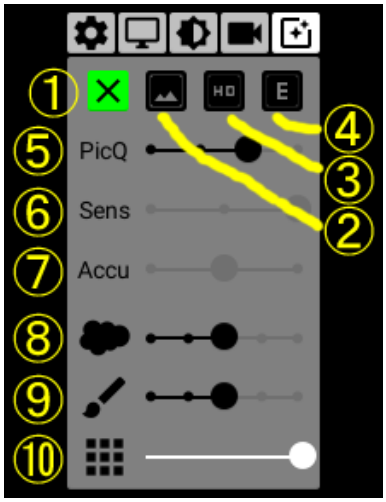
③ Set the zoom factor. The standard viewing angle follows the goggles.

④ If you switch to 3D mode, camera orientation can be controlled with the right drag (default key assign).

Please make mosaic processing settings in 3D mode about VR videos.

The panel can not be opened in 3D incompatible state such as capturing or still image display.

Processing Settings



Usually applies to whole, but you can use markers to switch between multiple settings.

① Parts close to the specified color will be protected from processing.

It is effective in case of the lattice pattern of the white window is misjudged as mosaic.

Do not specify skin color, brown, black, etc.

② The part that looks like stripes will not be processed.

Not only the background but also some mosaics may be excluded.

③ Perform mosaic judgment in high resolution.

It is effective for fine mosaic videos and VR videos, but processing load will increase significantly.

The button does not appear for low resolution videos below HD.

④ Deform the entire equi-rectangler image to detect the mosaic.

Not necessary if the mosaic looks rectangular in 2D mode.

The button is displayed only in TopBottom or SideBySide (non fisheye) videos.

⑤ The selected picture quality is reflected in the automatic adjustment of sensitivity and accuracy.

If the mosaic is not processed and remains, try reducing the value.

Normally 0 (automatic adjustment OFF) is not used.

⑥ Setting a large value makes it easier to identify fine mosaics, but increase false positives.

It can be set only when the automatic adjustment is OFF.

⑦ Smaller values make it easier to identify blurred mosaics, but increase false positives.

It can be set only when the automatic adjustment is OFF.

⑧ Adjust the intensity of the paint filter.

Although it can reduce the mosaic without blurring, there is a problem that distortion occurs.

While recording in TG mode, this setting is ignored and fixed at maximum.

⑨ Adjust application rate of super resolution filter.

The higher the value, the sharper the image, but the vibration of the processed part increases.

While recording in TG mode, this setting is ignored and maximum.

⑩ Set the cell size of mosaic.

Normally the auto is set, but manual is effective only in the section where automatic judgment fails.

In scenes without a mosaic, useless processing can be omitted by setting the left end (Off).

Processing Settings by section

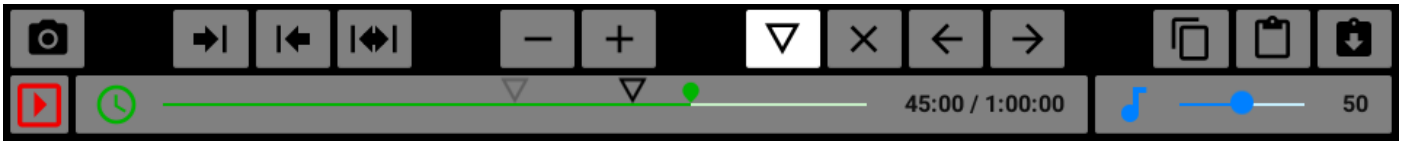
Normally processing settings are applied to the whole movie, but you can also create sections by placing markers.

・To reduce misidentification of the mosaic area, set the accuracy for each scene.

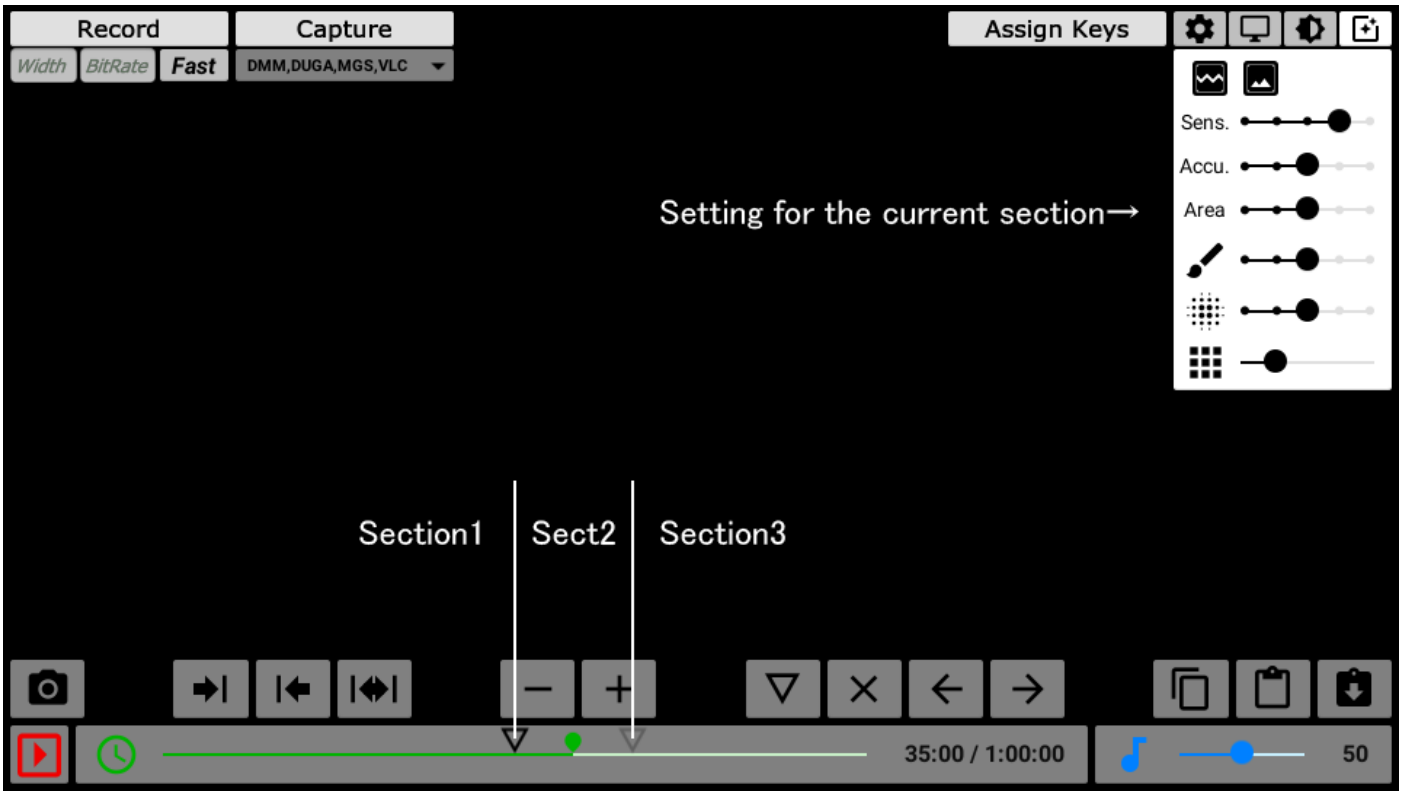
・Manually designate only the part where the mosaic roughness can not be measured correctly.

Setting the details as above will give you more effect.

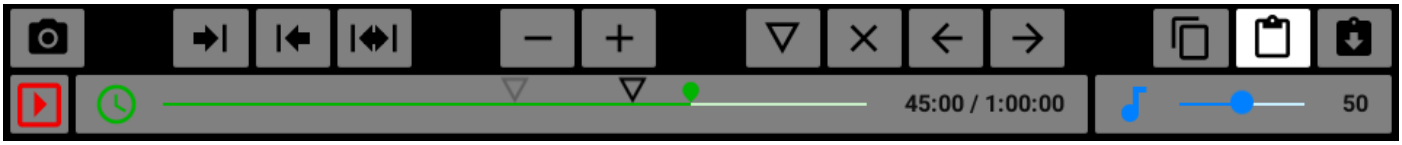
*To see the result of automatic measurement about roughness of mosaic, turn on **Disp infos** in environment settings.



Move the slider handle to the position you wish to divide and then press the Add Marker button on the toolbar or the shortcut key ('A' by default) to create a section.



Move the slider handle to section 2 and change the parameter.



If you copy('C') in section1 and paste('V) to section3, only section2 will be set differently.

Preparation for Recording updated!

The addition of audio requires FFmpeg unless the record setting is 'Fast-Normal'.

https://ffmpeg.zeranoe.com/builds/

Please install in advance and add the path of the bin folder to environment variable.

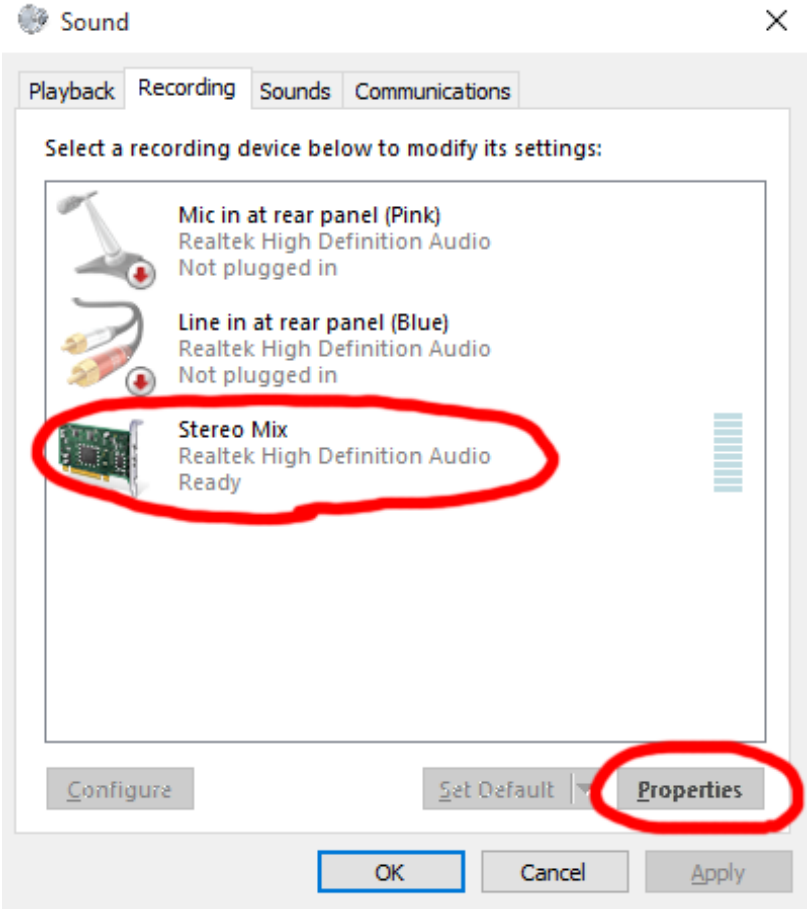
You can use it even if ffmpeg.exe is placed in the same folder as JavPlayer.exe.

If the recording method is Safe, it is also used for image extraction and video encoding.

Preparation for Capture Recording

You need a stereo mixer to record while capturing.

For Windows 10, right click on the speaker icon in the task tray and select the sound and set it.



Since the volume of the speaker output is reflected in the recording level, it is necessary to record with the volume increased.

As it seems that the stereo mixer may become invalid while using the headphones, please deal with it according to your environment.

Check for preparation

CHECK

You can check whether FFmpeg and stereo mixer can be used by pressing this button immediately after startup.

Recording updated!

In Windows7, recording is possible only when the recording mothod is Safe and the recording mode is other than Normal.

If the recording range is not set, it records after the current playback point.

If you do not enter Width, the recording size will be the same as the original movie.

Fast: Frame dropping may occur depending on the performance of the PC and the specified width.

Slow: Almost no dropped frames occur on a slow PC.

Safe: There are no dropped frames.

Safe requires a large amount of free space on the drive of the working folder. (By default, about 2.5 GB per minute for Full HD)

Normally audio data will be extracted and combined by FFmpeg after silent recording.

You need to install **TecoGAN** (described later) to use recording modes other than 'Normal'.

The output destination is "JavPlayer/Movie/OriginalName _XXX.mp4".

*During recording, the frame rate is changed regardless of usersetting.

When the recording mode is 'TG- *', you can suspend and resume.

Select **resume point** from the dialog that appears after pressing the resume button.

The items displayed in the dialog vary depending on the recording mode, recording method, and timing of suspend.

Even after restarting JavPlayer and loading another video, you can resume it by reloading the last video used in TG mode.

Note that only one information for resumption is saved and will be overwritten.

To re-encode with other settings (size, bit rate, etc.) after recording is completed, it is necessary to switch 'Preferences-ADVANCED-TecoGAN-Delete work folders' to 'Before recording'.

Capture Recording

Because it can not advance frame by single step to be captured, it is restricted to Fast only.

Because it can not wait for the execution of the external program, it is restricted to Normal only.

Since you can not set the range, you need to manually press the end button.

Both capture and recording are high load, so frame dropping tends to occur more than usual.

It is better to reduce the target window or output resolution (the value of Width).

Streaming

Copy the URL of a playable video and paste it into JavPlayer (default is 'P') then streaming will start.

Please note that there is no function to extract the movie embedded in the web page and **URL of the video** is necessary.

Videos of streaming sites prohibiting playback by external players can not be played.

Stream Recording

It can be executed by the same procedure as ordinary recording, but frame loss increases in Fast mode and it takes a huge time in Slow mode.

It is recommended to record after downloading.

TecoGAN updated!

It is a video super-resolution algorithm under development by MengyuChu, YouXie, LauraLeal-Taixe, and NilsThuerey.

https://github.com/thunil/TecoGAN

You need a CPU (SandyBridge, Bulldozer or later) that can use the AVX instruction set for execution.

You need Windows10 (64bit) or Windows8 (64bit) for execution.

You can expect much better results than JavPlayer's super-resolution.

However, due to the very high load, you need to create videos in advance.

The procedure to use is as follows.

1) Download TecoGAN(Ver.1.06) built for Windows.

Link to GPU version *Requires CUDA-compatible GPU even when converting on CPU.

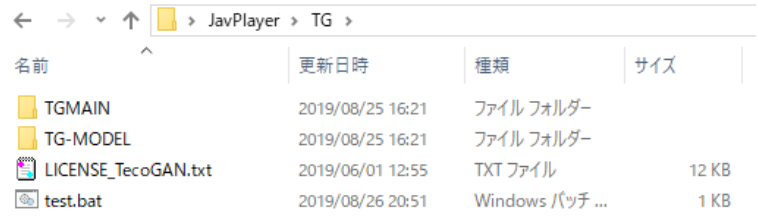
Link to CPU version *Conversion using GPU is not supported.

2) Unzip and copy 2 folders (TGMAIN and TG-MODEL) into “JavPlayer/TG/”.

3) Play video on JavPlayer and change the recording mode from 'Normal' to 'TG-STD'.

4) Set the speed to Slow and start recording.

After installation, contents will look like this.



If your PC has a CUDA-compatible GPU with 2G VRAM or higher, high-reso conversion can be done several times faster.

Install GPU version and switch 'ADVANCED-TecoGAN-Processor to use' to GPU0.

You need to install CUDA(Ver.10.0 or later) in advance.

https://developer.nvidia.com/cuda-downloads

Even if conversion is done on GPU, the processing (png extraction, encoding, etc.) by JavPlayer is not become fast.

To make those part faster, change the speed setting from Slow to Fast.

Occasionally there is a delay in the progress of the frame, but with enough PC processing power it is no problem.

I confirmed that it has a great effect on videos that are unsuitable for frame-by-frame advance (mainly wmv and mkv).

There is a benchmark button in the upper left corner of the startup screen.
With this, conversion speed of TecoGAN can be measured.
It is also useful for checking whether tgmain.exe can be executed normally.

If no range is specified, it is treated as a test of TG mode and recording will be end in 5 seconds.
You can create a video of any length by setting the range.

Selecting 'TG-AFL' as the recording mode enables the flicker reduction filter.
Selecting 'TG-ASH' improves stability when the mosaic roughness changes.
In the mode with '+W' at the end, additional conversion for HD movie creation is performed.
See the section on **waifu2x** for details.

JavPlayer has 'Super-resolution for still images to double size' for real-time processing.
In TG mode, this is replaced with 'Super-resolution for videos to quadruple size' of the external program.
Parts other than super resolution (measurement of the area and roughness of the mosaic, composition of the processed image, etc.) are shared.
The processing setting is also valid for TG-recording, but only the super-resolution application rate is ignored and fixed to 100%.
If the mosaic remains after adjustment, the created video will be in the same state.

Recording in TG-mode can not be performed under the following conditions.

- Capturing
- During VR video playback
- During still image display

In the current version, the watermark (message, IP address, MAC address) is displayed.
It will be a hindrance to viewing, but please understand that it is to prevent distribution and sales of modified videos.
Since TG-mode is in testing phase, there may be various problems.
Announcements etc. are done with Twitter account @Javski2.

waifu2x

Blur is noticeable due to insufficient resolution of images generated by TecoGAN.
This problem can be alleviated by re-converting the high-resolution converted image with waifu2x.

By doubling the high-resolution converted image of each frame vertically and horizontally, the size is quadrupled.
Pay attention to the free space on the disk drive as working data may exceed 1GB per minute.

The procedure to use is as follows.
1) Install Microsoft Visual C++ 2015 Redistributable Package Update3. *Only if not installed
https://www.microsoft.com/en-US/download/details.aspx?id=53587
2) Download waifu2x-caffe.zip and waifu2x-caffe-Difference_From_ver1.1.9.zip.
https://github.com/lltcggie/waifu2x-caffe/releases
3) Unpack waifu2x-caffe.zip under 'JavPlayer/TG'. *A folder(TG/waifu2x-caffe) is added.
4) Unpack the zip of difference and copy the contents over to the waifu2x-caffe folder.
5) Play the video on JavPlayer and change the recording mode to 'TG-*+W'.
6) Start recording.

The options of waifu2x can be changed from EnvironmentSettings-ADVANCED-waifu2x.
If you can use CUDA, be sure to set processor to gpu. Processing time can be greatly reduced.
Check other items related to image quality and processing speed.
Please refer to waifu2x-caffe/README.txt for details.

The CUI version (JavPlayer/TG/waifu2x-caffe/waifu2x-caffe-cui.exe) is executed from JavPlayer.
Using the GUI version (JavPlayer/TG/waifu2x-caffe/waifu2x-caffe.exe) will deepen your understanding of each option.

TecoGAN(X4)

In case of processing a mosaic, super-resolution processing is applied to a part of the screen, but it is also possible to improve image quality by enlarging the entire screen by a factor of four.
This is the original use of TecoGAN.

Please note that the conditions for use are very strict.
3GB memory (VRAM) is required to process 320 * 240 pixel video.
8GB memory (VRAM) is required to process 640 * 360 pixel video.
Generally, the main memory is larger than VRAM, so if you can't run it on the GPU version, try using the CPU version.
If you want to create a long movie, at least 2GB of free space on the disk drive is needed.
Check in advance the drive where the working folder (default is 'JavPlayer / TG').
Since it is processed by dividing every minute (1800 frames), it is almost the same regardless of the length of the video.

It's easy to use, just load a video and change the recording mode to TG-X4[+W] and start recording.
'+W' means 'use waifu2x' like other TG recordings, but TecoGAN is sufficient for super-resolution, so only noise removal is performed.
Since the fine pattern will disappear due to noise removal, please choose the one that fits the video.

As with other TG modes, if you record without specifying a range, only 5 seconds will be recorded.
It may take more than an hour to create a 5 second movie depending on the environment you are running on and the video you are using.

It can be interrupted and resumed , but The completed process cannot be redone.
Since it is saved every time the processing for each section (1 minute) is completed, a maximum of 1 minute rewind when resuming.

The recording speed (Slow,Fast) is ignored, and image extraction & encoding is performed by ffmpeg.

If you do not specify the width of the video to be created, the converted result that has been quadrupled will be used as it is.
In other words, if you use a full HD video as the source, it will be 7680 * 4320 pixels.
JavPlayer cannot create a video with a width of more than 4000 pixels, so an appropriate value for Width must be set.

The contents of the processing settings are ignored, but the margins of the screen settings are reflected.
You can reduce the memory required for TecoGAN by making the video smaller by margins.

DeepCreamPy

Remove the mosaic by an external program called DeepCreamPy.

DeepCreamPy is a color illustration complement tool under development by deeppomf.

https://github.com/deeppomf/DeepCreamPy

https://github.com/deeppomf/DeepCreamPy/blob/master/docs/INSTALLATION_BINARY.md

*It is only for 64bit windows

I do not recommend it at this point because you can not get good results.

Decensoring process is done by DeepCreamPy, JavPlayer just prepares and displays the image.

The procedure to use is as follows.

1) Install Visual C++ Redistributable for Visual Studio 2015 Update 3 if necessary.

2) Download the windows binary.

https://github.com/deeppomf/DeepCreamPy/releases/tag/v1.3.0-beta *old version

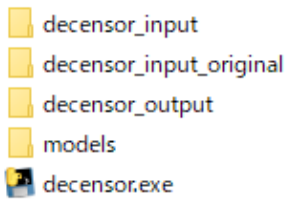
https://github.com/deeppomf/DeepCreamPy/releases/tag/v2.1.0-beta *new version

3) Unzip and copy decensor.exe and models folder into “JavPlayer/DCP/”.

4) Play the video with JavPlayer and press the desensoring button at the top of the screen.

I have confirmed that the new version can be used, but I have not compared it with the old version.

After installation, DCP folder will look like below.



When the button is focused, the target area for decensoring will be filled with green.

If it is not covered enough, increase the area parameter in processing settings and then execute.

It takes more than 10 seconds to complete after pressing the button.

After completion, please try to change the application rate by vertical swipe.

Cancel the mosaic reduction process if you wish to compare with the original condition.

When the screen is redrawn by resuming or seeking, the display is ended.

Trouble Shooting new!

TROUBLE : The addition of audio fails and a silent video is generated.

CAUSE : FFmpeg cannot be written to the movie folder.

SOLUTION : Change the access permission settings for the folder.

: Set 'ADVANCE-Common-FolderInputField' to change the save destination.

: Move the JavPlayer folder to another location (drive).

TROUBLE : Conversion fails in TG mode and a message is displayed that the number of input and output files do not match.

CAUSE : Security software prevents creation/deletion of work folders.

SOLUTION : Add JavPlayer to exclution list of the security software.

: Turn off the security software.

TROUBLE : The screen turns white during high-resolution conversion of images in TG mode using GPU.

CAUSE : VRAM is insufficient.

SOLUTION : Set the memory capacity and the number of parallels of 'ADVANCE-TecoGAN' appropriately.

TROUBLE : Frame dropout (time shift of the processed part) occurs in TG mode.

CAUSE : Real-time processing of extraction or encoding is not in time.

SOLUTION : If the recording speed is set to Fast, change it to Slow.

: Change the working folder (TG, Movie) to a fast drive (SSD if possible).

TROUBLE : The video and audio of the created video are out of sync.

CAUSE : Unknown

SOLUTION : Set 'ADVANCED-Common-Additional Generation of Sound Correction Video' to 'Execute'.