

Raspberry Pi Image: Video Looper

What is Raspberry Pi Video Looper?

Raspberry Pi Video Looper is a simple way to display seamless looping video files, for example in an art exhibition. All you need is a Raspberry Pi, an SD card, a screen and a USB stick.

We are using Raspberry Pi Imager. We have a more detailed [tutorial](#) for imaging the Pi.

1. Download the Video Looper Image

You can download the **Video Looper** image here. Choose the latest version that is compatible with the Pi model you are using, please refer to the "**works with all boards up to**" column.

Download the image file

This is the complete software package that turns the Raspberry into a video looper. Tested on Raspberry 1 B+ / 2B / 3B / 3B+ / 4B and Pi Zero WH. Not yet tested on Raspberry Pi 5 - let me know if it works if you have one.

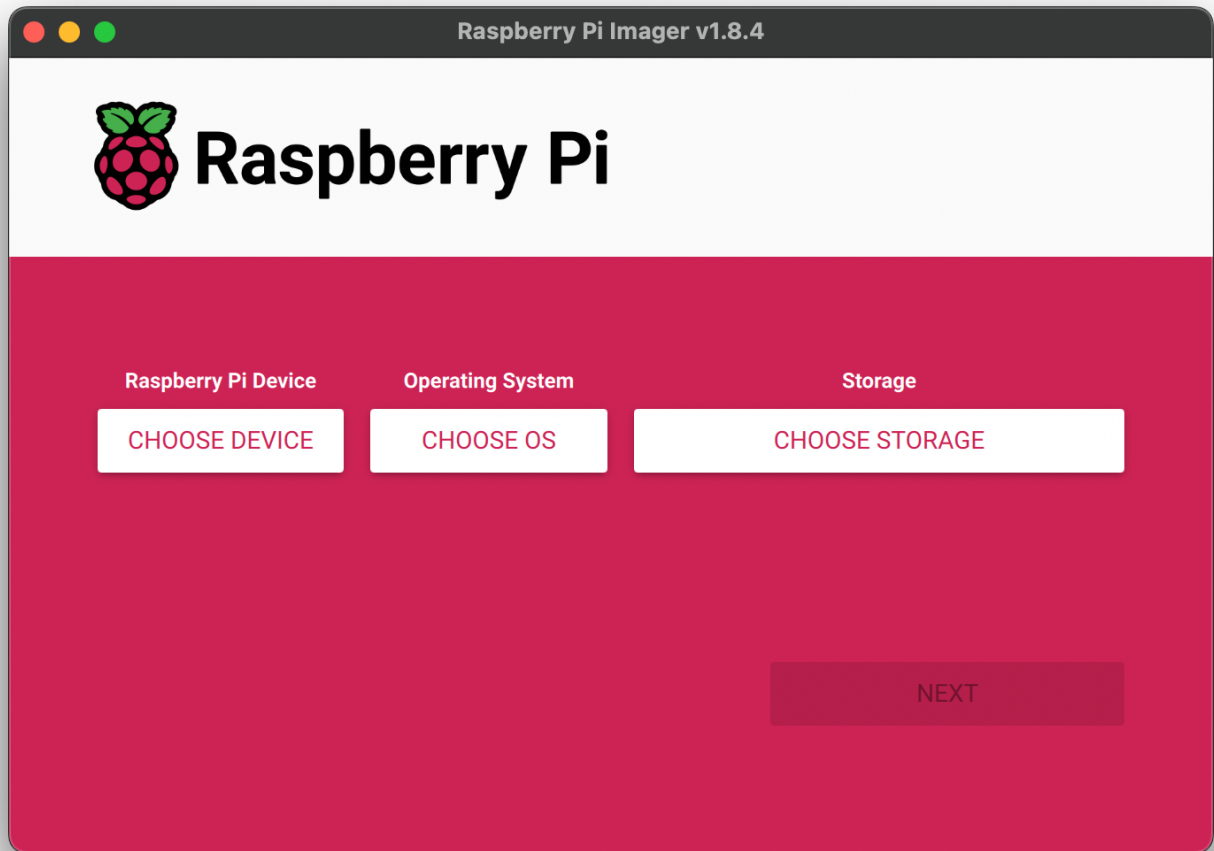
Version	uses pi_video_looper script version	based on	works with all boards up to	MD5 checksum/ notes
v.2.7 – January 2024 (765 MB)	v1.0.15	Raspberry OS Lite Legacy (2022-01-28-raspbian-buster-armhf-lite)	Raspberry Pi 4 (5?)	cd7e76f73f62fe2160a46a211b900522 Built with sdm. Expand the filesystem with raspi-config if you want to play video directly from the SD card.

Earlier versions of the video looper, which might come in handy if you experience problems with older hardware.

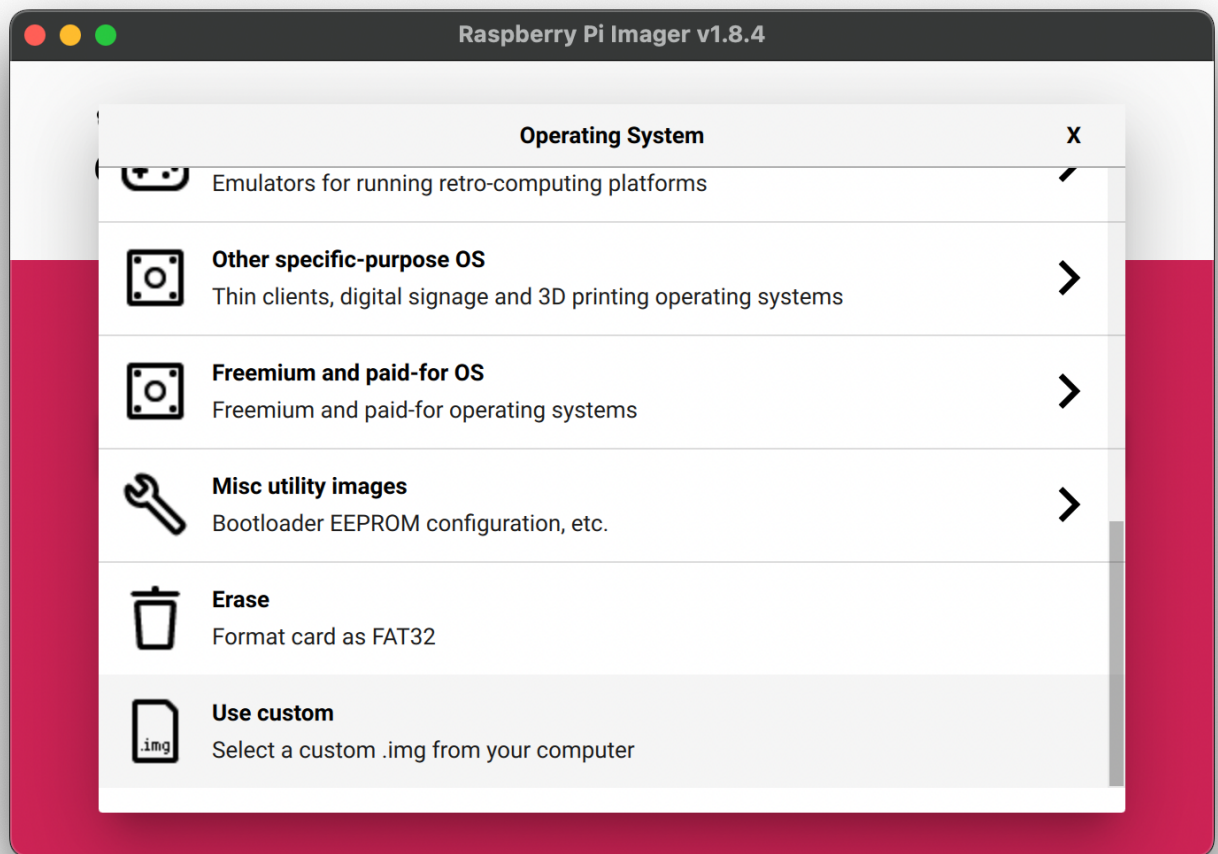
Version	uses pi_video_looper script version	based on	works with all boards up to	MD5 checksum
v.2.6 – March 2022 (690 MB)	v1.0.11	DietPi/Buster	Raspberry Pi 4	943660dd1828b3d6f4016ade95c53261 + fixes a bug with copy_mode by automatically expanding the file system if possible + fixes bad permissions of the image file inside the zip container
v.2.5 – Jan 2022 (726 MB)	v1.0.10	DietPi/Buster	Raspberry Pi 4	94c70f5e2b429315c00ea2ca5cb125bf
v.2.4 – Dec 2021 (722 MB)	v1.0.8	DietPi/Buster	Raspberry Pi 4	a18dcab441f66fca9c6455dd6f5e35a0
v.2.3 – Dec 2020 (530MB)	v1.0.7	DietPi/Buster	Raspberry Pi 4	d2496ac08bdd1a038e3b84e4c80516aa
v.2.2 – Sept 2019 (1.1GB)	v1.0.4	2019-07-10-raspbian-buster-lite	Raspberry Pi 4	2921472a60374a164b8f21f9a92bf853
v.2.1 – June 2019	v1.0.2	raspbian_lite-2019-04-09	Raspberry Pi 3 Model B+ (but not on the Raspberry Pi 4)	a2d47a852a54f6b50d5cb85ca87af67a
v.2 – June 2018	v1.0.0	Raspbian Stretch lite	Raspberry Pi 3 Model B	8cdf01374ed9e25d62f34f27df8c4425
v.1 – 2015	v1.0.0	Raspbian Jessie lite	Raspberry Pi 2 Model B	cc6a2deed113967666cd5a95e8071593

2. Using Raspberry Pi Imager

1. **Raspberry Pi Device** select Raspberry Pi Model
2. **Storage** select the SD card



3. **Operation System** - select **Use custom** - select the newly downloaded Video Looper Image



3. Files Format

Video Looper uses the default video player, omxplayer, which can play most videos encoded with the **H.264 video codec** and in a video format with an extension like .avi, .mov, .mkv, .mp4, or .m4v.

Try to minimize the size of your files and export the video with the exact resolution of your display for better performance. e.g. You shouldn't use an uncompressed 4K video format on a 1080p HD display.

4. Plug and Play

You can put your video on a USB stick and plug it to the pi. Your video(s) is ready to loop!

If only **one movie** is available it will play continually in a loop.

If **multiple movies** are found then each movie will be played in alphabetical order by filename and will loop back to the first video and play all videos again in order repeatedly.

Revision #6

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