

EZ360 User Manual

(Oculus Go version)



EZ360, EZ360 Pro and EZ360 Lite are developed by [VR-House](#).

Content:

[What is EZ360?](#)

[What is EZ360 Lite?](#)

[How to download](#)

[What is EZ360 Pro?](#)

[EZ360 standard](#)

[How to download](#)

[How does EZ360 work?](#)

[One video](#)

[More videos](#)

[The Oculus Go “Enter VR” screen](#)

[How to preload videos](#)

[Supported devices, file extensions and codecs](#)

[Stereoscopic videos](#)

[Flat 2D videos](#)

[180° Video](#)

[Spatial audio](#)

[Customization options EZ360 Pro](#)

[Custom background](#)

[Custom logo](#)

[Custom intro screen](#)

[Custom thumbnails](#)

[Appendix 1: connecting Oculus Go to Windows PC](#)

[Appendix 2: Full feature list](#)

What is EZ360?

EZ360 is an application for the Oculus Go and Gear VR that **automatically plays 360° videos** when you put the VR headset on. Your video starts hands-free, so no more difficult menus, buttons or navigation. You **simply put on the headset** and the video starts automatically. If you pass the headset on to someone else, the video starts again from the beginning. **Perfect for events** where multiple people view the same content on a single headset. EZ360 helps your clients to easily view 360° content and helps you to make a professional impression!

What is EZ360 Lite?

EZ360 Lite is the free trial version of EZ360. The Lite version has **the same features** as the paid Pro version but it has a **5 second waiting screen** with VR-House branding before every video and a **watermark** during the entire video. In this waiting screen you will find instructions on how to buy a license for the EZ360 or EZ360 Pro.

EZ360 lite is free to download so you can test the EZ360 functionalities. It also has the customization options of EZ360 Pro.

How to download

Download EZ360 Lite for **free** in the headset, using the Oculus app on your phone, or visit the [Oculus Go](#) store via your browser.



You can also use the search function in the Oculus Go headset to find and download EZ360 Lite from within the device.



What is EZ360 Pro?

EZ360 Pro adds customization options to EZ360. With a Pro license you can add custom logo, background and thumbnail images. Check out the customization options for EZ360 Pro [here](#).



EZ360 standard

A license for EZ360 is available for purchase on [our website](#). You can also contact us via [e-mail](#) for an EZ360 license.

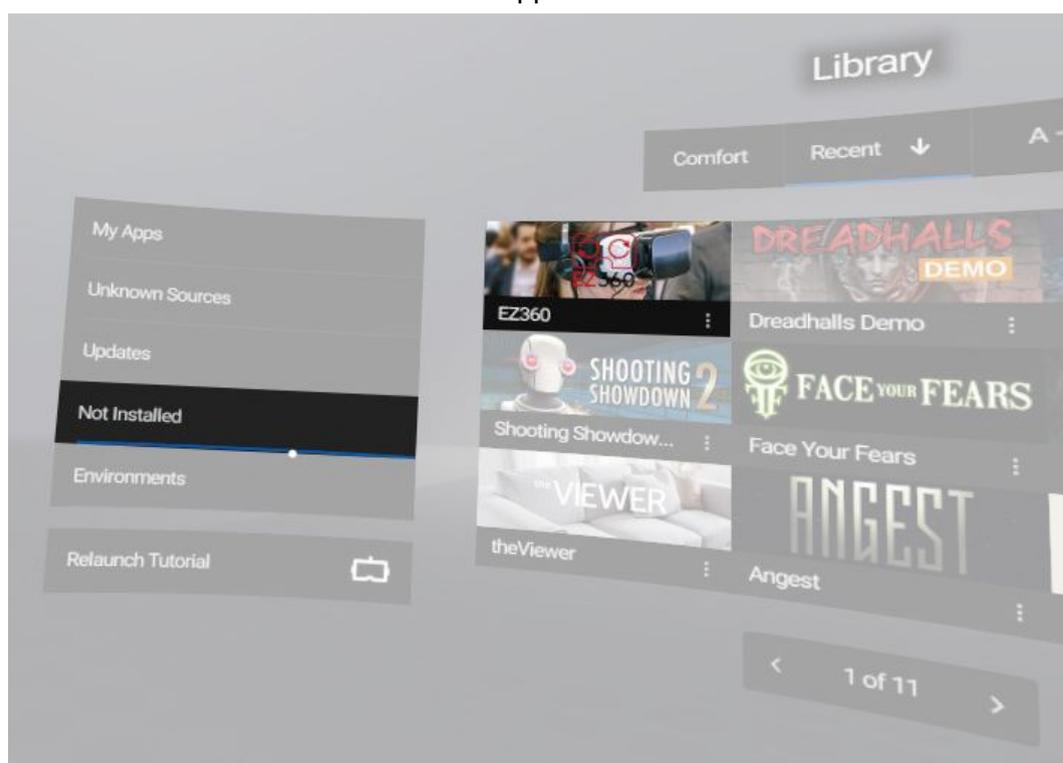
After the purchase of your EZ360 license you will receive an “Oculus key” which you can redeem in the Oculus store. The Oculus key is a code of 25 characters.

[Purchase EZ360](#)

How to download

EZ360 or EZ360 Pro can be downloaded with an Oculus Key. After the purchase of your EZ360 license you can redeem this key in the Oculus store using these steps:

1. Go to oculus.com/redeem-code
2. Log in with the account you also use on your Oculus Go device **VERY IMPORTANT!**
3. Enter your code and click submit
4. The app is now visible in the library
5. Go to the Library in your Oculus Go headset
6. Click “Not Installed” to find the EZ360 app



VR-HOUSE

How does EZ360 work?

EZ360 was designed with an inexperienced end user in mind. It makes watching the 360° video as simple as possible. The user only has to put on the VR-headset and the video will start automatically. This eliminates problems that many first time users have when they try to watch a 360° video.

When the user takes off the headset, the video will reset so it is ready for the next user. This is perfect for events where one headset is used multiple times to watch the same video(s).

One video

With one video in the EZ360 folder on the device, the video will automatically start when the user puts on the VR headset. The user doesn't have to navigate any menus. When the video has ended the screen will fade to black.

More videos

With two or more videos in the EZ360 folder on the device, the app will open a 360° environment where the user can choose a 360° video. EZ360 uses gaze, so the user doesn't have to use any buttons. Just looking at the video will start it.

It looks something like this:



When the first video has ended, the user will automatically go back to the menu to choose a different video.

The Oculus Go “Enter VR” screen

Wondering if you can disable the “Enter VR” screen you see every time you unlock your Oculus Go? There are two options, both require you to change some settings using the Oculus app on your phone. The first option is to turn on “developer mode”. This allows you to unlock the device with the volume buttons instead of the controller. The second option is to adjust the auto sleeping mode of the Oculus Go. In the Oculus app on your phone you can go to “Settings” and go to “Power Settings” and then “Auto Sleep”. Our advice, combine both options!

How to preload videos

1. Download and install EZ360
 2. Restart the Oculus Go device so it creates a folder on the device called “EZ360”.
 3. Place the video(s) you want to showcase inside the “Videos” folder within the EZ360 folder.
 4. Start EZ360 on your Oculus Go device.
 5. EZ360 will automatically start the video(s) that you put in the EZ360 folder, when the viewer puts on the headset.
- If you have trouble accessing your Oculus Go via your Windows PC. Please refer to [appendix 1: connecting Oculus Go to Windows PC](#).
 - If there is no “EZ360” folder on your Oculus Go device please restart your Oculus Go.
 - If there are no videos in the designated EZ360/Videos folder, EZ360 will look for other videos on the device.

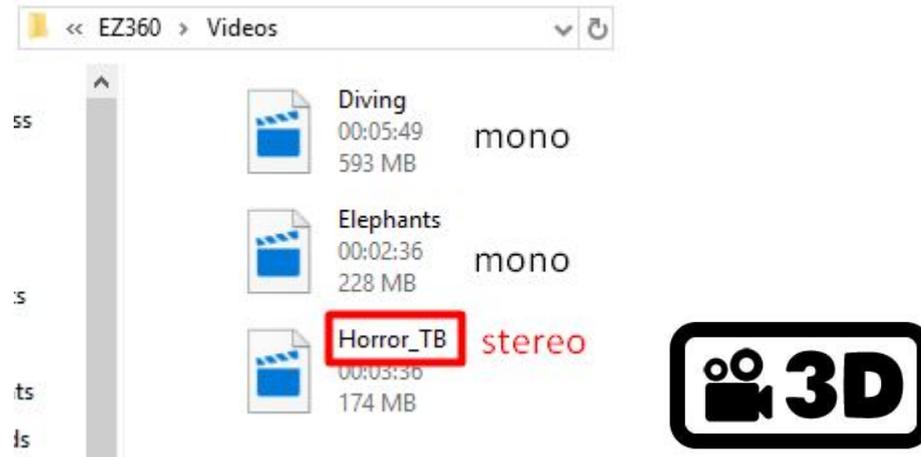
Supported devices, file extensions and codecs

Devices	Oculus Go 32GB, Oculus Go 64GB
Extensions	.mp4 .mkv .mov
Codecs	H.264 and H.265
Formats	360° monoscopic 360° stereoscopic (add “_TB” to the file name) 180° monoscopic (add “_180” to the file name) 180° stereoscopic (add “_180LR” to the file name) Traditional 2D flat video (add “_2D” to the file name)
Spatial audio	.tbe support 8_2 (8 channels spatial audio and 2 channel head locked audio)

Stereoscopic videos

Stereoscopic videos are supported by EZ360 in the top-bottom format. Add “_TB” to the file name to indicate that this is a stereo video (e.g. “video1_TB.mp4”). Don’t worry, the “_TB” is not visible for your users. EZ360 will display a 3D video icon in the thumbnail when it recognises the video as a stereoscopic video.

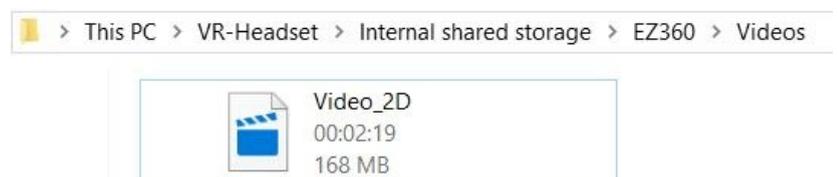
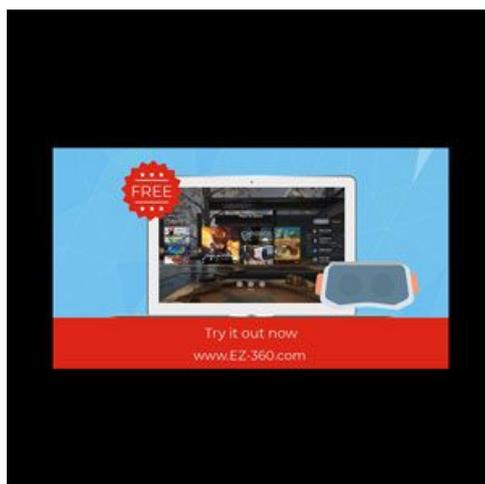
Example:



Flat 2D videos

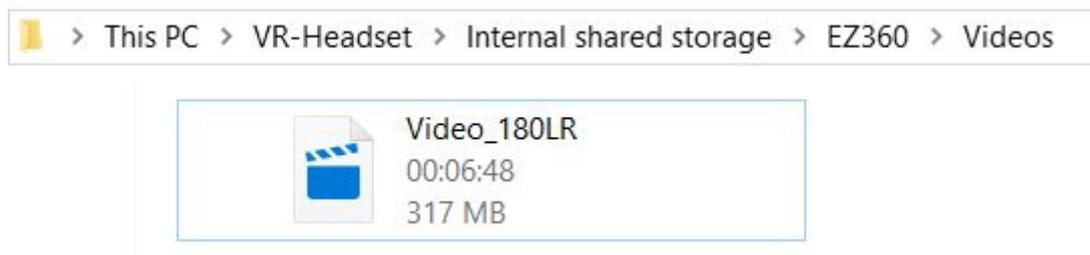
EZ360 was created for showing 360° videos. However it is also possible to show a 2D video on the Oculus Go so we created an option to do that with EZ360.

By adding “_2D” to your video name you can indicate to EZ360 that you want to show it in 2D mode. This mode is a full black background with a flat screen to the front that will display your video.



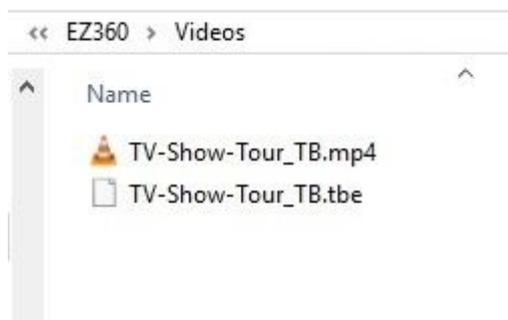
180° Video

180° Videos are also supported in EZ360. Add “_180” to the file name to indicate that this is a monoscopic 180 video (e.g. “video1_180.mp4”). If you have a stereoscopic 180° video use the left right format and add “_180LR” to the file name (e.g. “video2_180LR.mp4”).



Spatial audio

EZ360 supports spatial audio with the .tbe files. Add a .tbe file to the “Videos” folder with the same name as the video. EZ360 will display a 3D audio icon in the thumbnail when it detects a .tbe file with the same name.



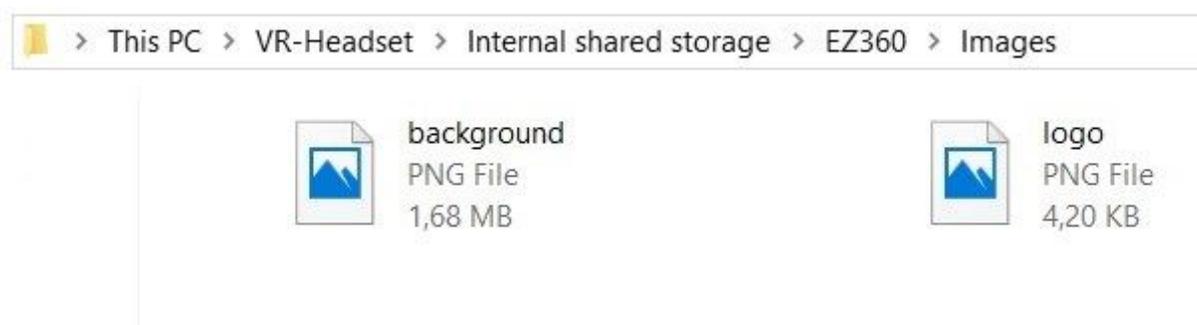
If you have any questions about your video, feel free to send us a (sample) of your video and we will be happy to test it for you. Our e-mail address is info@ez-360.com.

Customization options EZ360 Pro

Note: These options are only available in EZ360 Pro. Please contact us if you want to upgrade to EZ360 Pro.

Custom background

To change the background to a custom background please add your custom background in the images folder. Name the file “background”. Please use a 2:1 aspect ratio and .png or .jpg extension.



Custom logo

Logos will look the best if you use a 20:9 ratio. For example 400x180 or 1000x450. Other sizes will be scaled accordingly to fit in the available space, but keeping their aspect ratio. Please add your custom logo in the images folder. Name the file “logo”.

Custom intro screen

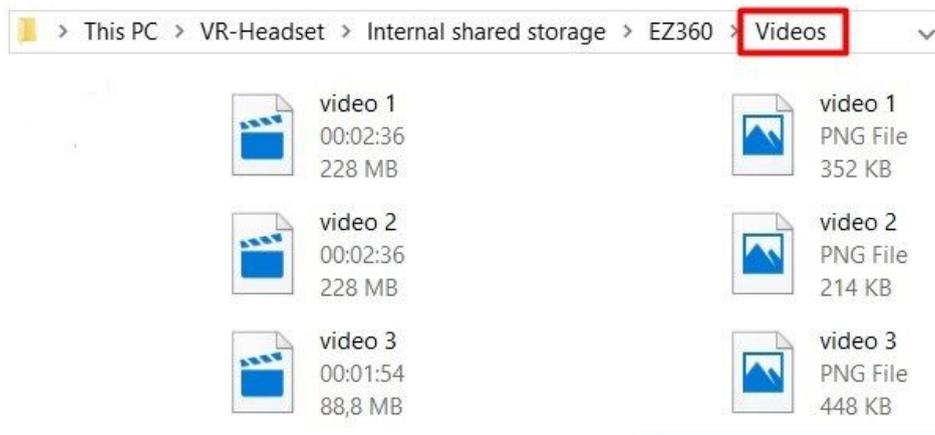
When you place a 360° image (2:1 aspect ratio .png or .jpg file) in the images folder and name it “intro” it will be shown as an intro screen before every video that plays. For example, you could use this image to tell people they can watch in 360° degrees. The intro screen is used in EZ360 Lite to tell people where to buy the full version of EZ360.

The default duration of the intro screen is 6 seconds. If you want to show the intro screen longer/short you can edit the duration in the config file.

Custom thumbnails

Thumbnails will look the best if you use a 16:9 ratio. For example 640x360 or 1280x720. Other sizes will be scaled accordingly to fit in the available space, but keeping their aspect ratio.

Place your custom thumbnails in the **Videos folder**. Give the thumbnail the same name (including “_TB” for stereo videos) as the video. This way EZ360 will know what thumbnail goes with what video.



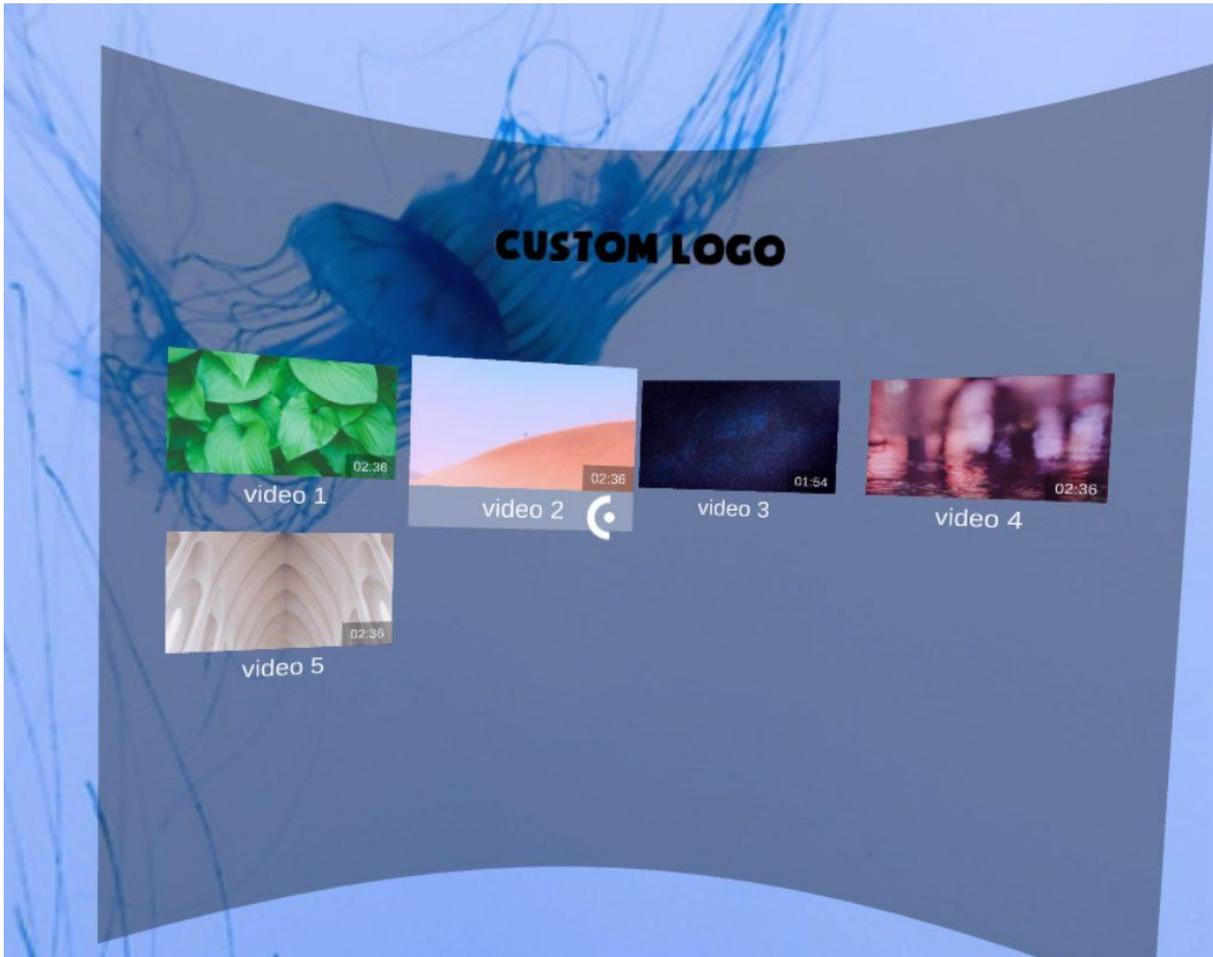
Disable 3D badges for stereo videos and/or spatial audio

To disable the 3D badges you need to change the config file. You can find the config file if you connect your Oculus Go to your PC. In the EZ360 folder go to the Config folder and copy the config file somewhere on your PC. Open the file you copied to your PC with a text editor.

Change the ShowThumbnailBadges variable from =True to =False

```
27
28 [Thumbnails]
29 ShowThumbnailBadges=False
30
31
```

Save the file and copy/replace it to the Config folder on your Oculus Go device.



Example of EZ360 Pro with custom logo, custom background and custom thumbnails.

Note: The customization options are only available in EZ360 Pro. Please contact us if you want to upgrade to EZ360 Pro.

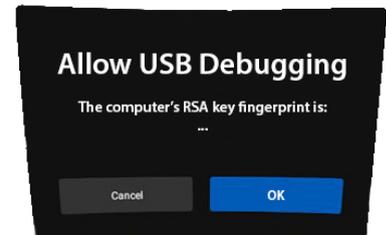
Appendix 1: connecting Oculus Go to Windows PC

We experienced that some customers have issues when trying to access the Oculus Go via their Windows PC. For example when they want to put videos on the Oculus Go.

Problem: The Oculus Go is connected via a USB cable to the PC but you can't access it.

Fix: Follow the steps below

1. Download the latest version of [adbGUI](#)
2. unzip the folder
3. double click on "adbGUI"
4. Check in the Oculus Go if you need to give permission
5. Your Oculus Go should now be connected



▸ This PC > Downloads > adbGUI_2.0 > adbGUI_2.0

Name	Date modified	Type	Size
adb	31-8-2018 02:22	Application	1.825 KB
adbGUI	6-4-2017 19:40	Application	438 KB
AdbWinApi.dll	31-8-2018 02:22	Application extens...	96 KB
AdbWinUsbApi.dll	31-8-2018 02:22	Application extens...	62 KB
fastboot	31-8-2018 02:22	Application	821 KB
libwinpthread-1.dll	31-8-2018 02:22	Application extens...	204 KB

If the above link doesn't work, please copy paste the following link in your browser:

<https://github.com/labo89/adbGUI/releases>

Appendix 2: Full feature list

	EZ360 Lite	EZ360	EZ360 Pro	EZ360 Cloud
Automatic start when user puts on headset	Yes	Yes	Yes	Yes
Automatic restart when user puts off headset	Yes	Yes	Yes	Yes
Gaze indicator with multiple videos added	Yes	Yes	Yes	Yes
Monoscopic 360 / 180 videos	Yes	Yes	Yes	Yes
Stereoscopic 360 / 180 videos	Yes	Yes	Yes	Yes
Spatial audio with .tbe file	Yes	Yes	Yes	Yes
Watermark	Yes	-	-	-
Custom Logo	Yes	-	Yes	Yes
Custom Background	Yes	-	Yes	Yes
Custom Thumbnails	Yes	-	Yes	Yes
Custom Intro Screen	Yes	-	Yes	Yes
Cloud Content Management System	-	-	-	Yes
Push videos to devices	-	-	-	Yes
Analytics	-	-	-	Yes
Price	Free	€299	€499	t.b.c.