

A Visual Guide to Using your
smartphone to compress a video to a
size that will upload to Canvas over a
home internet connection

Step-by-step procedures

What this is all about

Experience indicates that using a smart phone (e.g., an iPhone) to record video results in very large file sizes that take too long to upload to Canvas in their original high-definition size.

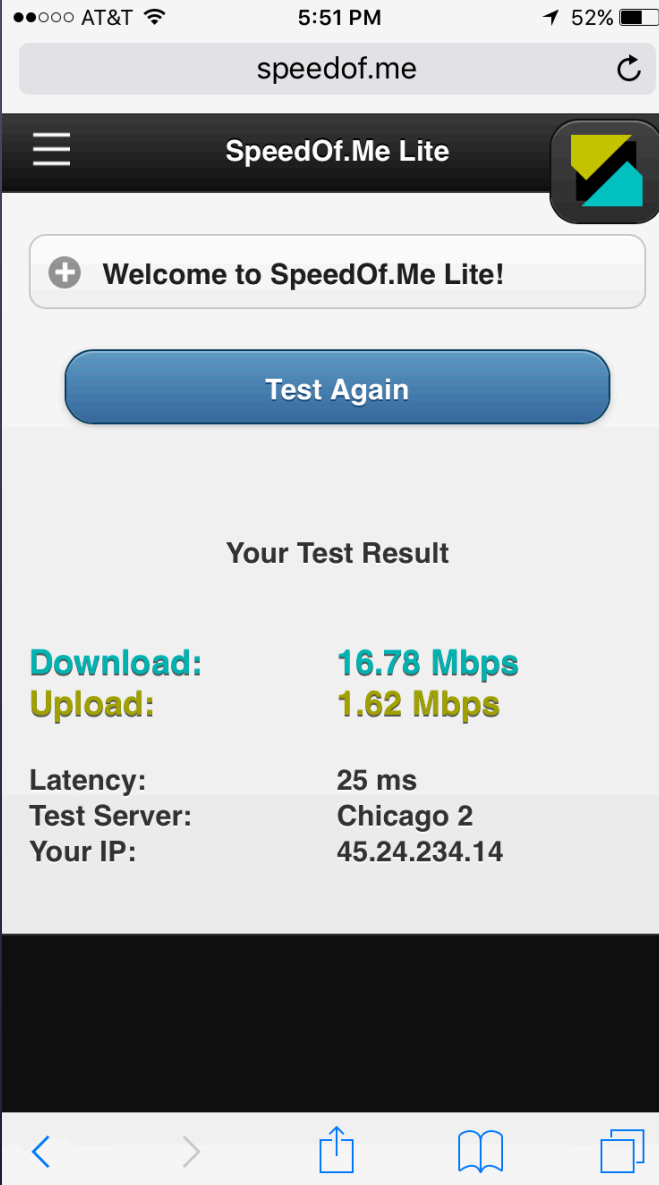


However, by compressing the video in the smart phone (using an app such as the one shown at right), you can get the video down to a manageable size that will upload to Arc Video in Canvas.

First, you should know the speed of your internet connection.

Internet Connection speeds

- Using your smart phone's browser, go to Speedofme.com
- The test is fast and will give you an upload speed— that's the important factor.
- The speed shown at right is from a home internet connection with DSL speeds.
- At that speed, you should compress your video file.



The screenshot shows the SpeedOf.Me Lite mobile application interface. At the top, the status bar displays 'AT&T', '5:51 PM', and '52%' battery. The browser address bar shows 'speedof.me'. The app header includes a menu icon, 'SpeedOf.Me Lite', and a logo. A welcome message 'Welcome to SpeedOf.Me Lite!' is displayed with a plus icon. Below it is a blue 'Test Again' button. The main content area is titled 'Your Test Result' and displays the following data:

Download:	16.78 Mbps
Upload:	1.62 Mbps
Latency:	25 ms
Test Server:	Chicago 2
Your IP:	45.24.234.14

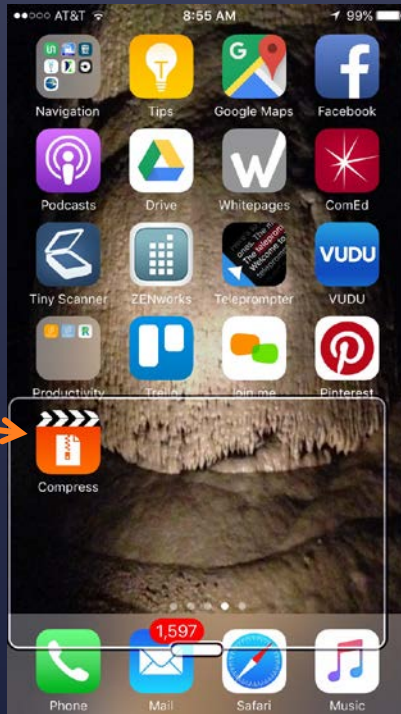
At the bottom, there is a navigation bar with icons for back, forward, share, bookmarks, and tabs.

Download a “video compressor” app

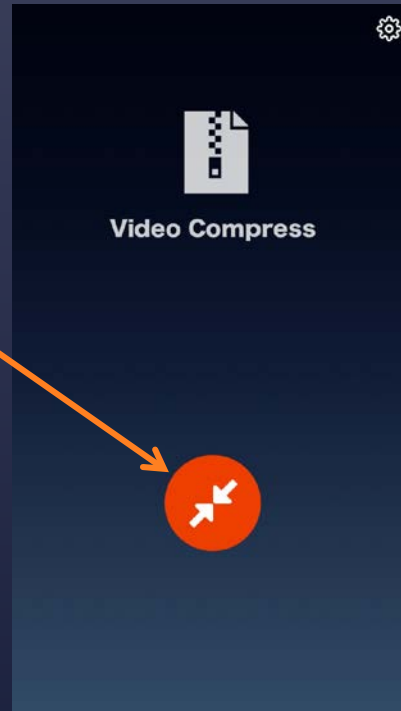
- Many of the apps are free.
- Look at the user ratings to get an idea of the app’s performance.
- Select an app that will compress a “longer” video (some apps quit after about 5 minutes).
- The free apps typically have ads that you will have to get past, or pay a nominal fee to get rid of the ads.
- The app shown in this demonstration is “Video Compress” by Zheng Weijie, for Apple iPhones.
- View the screenshots from an iPhone from left to right, beginning with the next slide.

Record your video.

Then open
"Compress" to
start the process of
shrinking the video

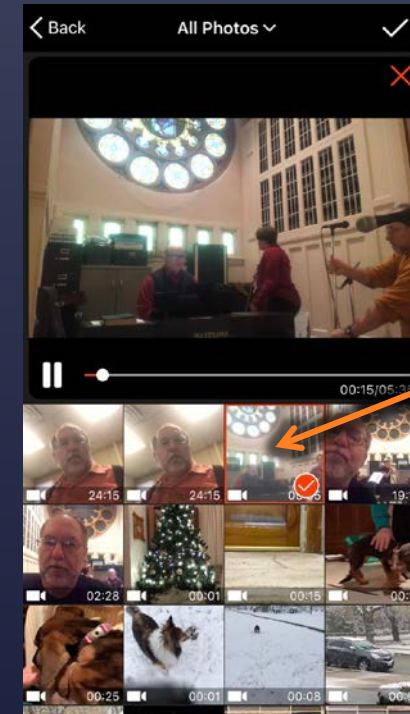


Tap this
button



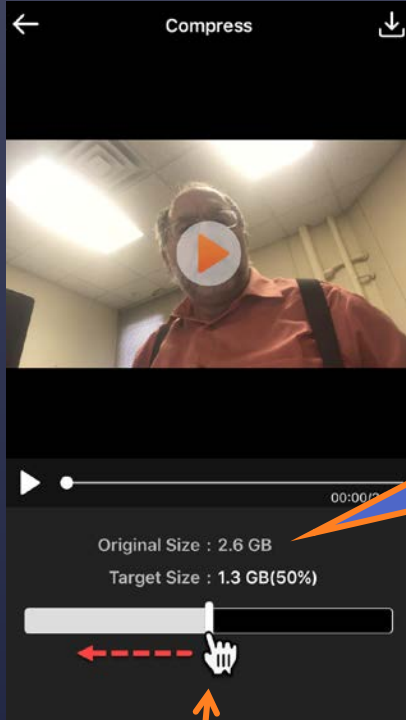
Select the video
to compress

And tap the
checkmark to
confirm selection



The free version of Compressor has ads.
Just close them and move on.

Move the slider to select the "right size"



This example involves a 24 minute movie shot with an iPhone. The goal is to get it down to 400 MB or less.

Note the original video is 2.6 GB in size

Note the new size is under 400 MB

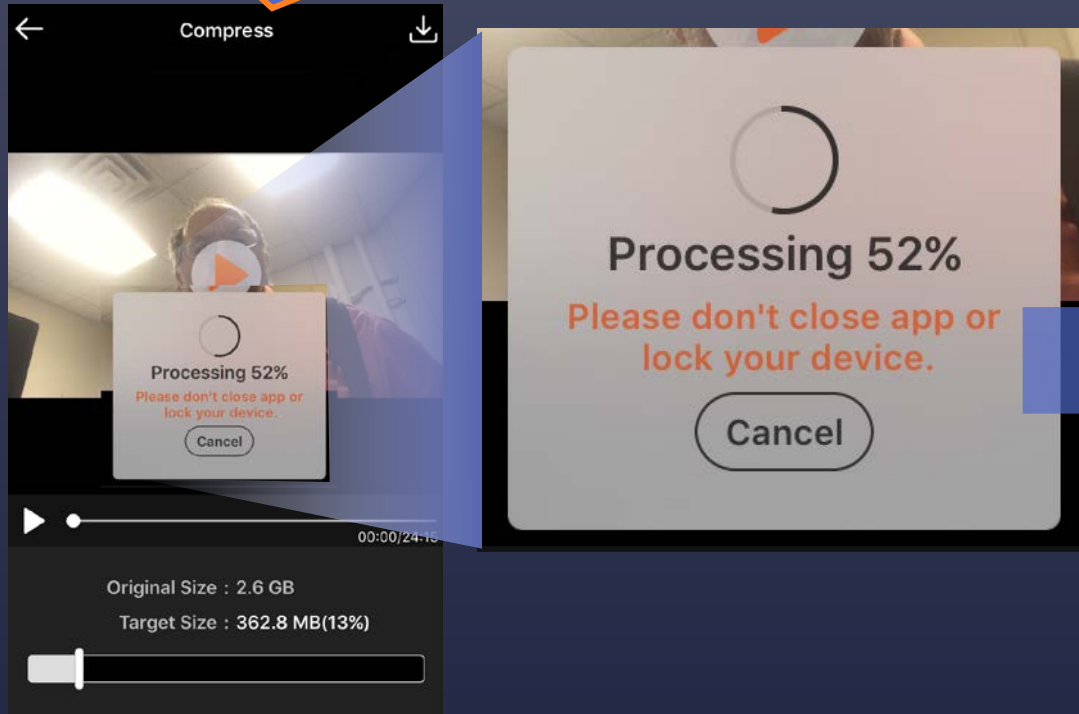
GB stands for "Gigabytes" (1,000 megabytes)

MB stands for "megabytes"

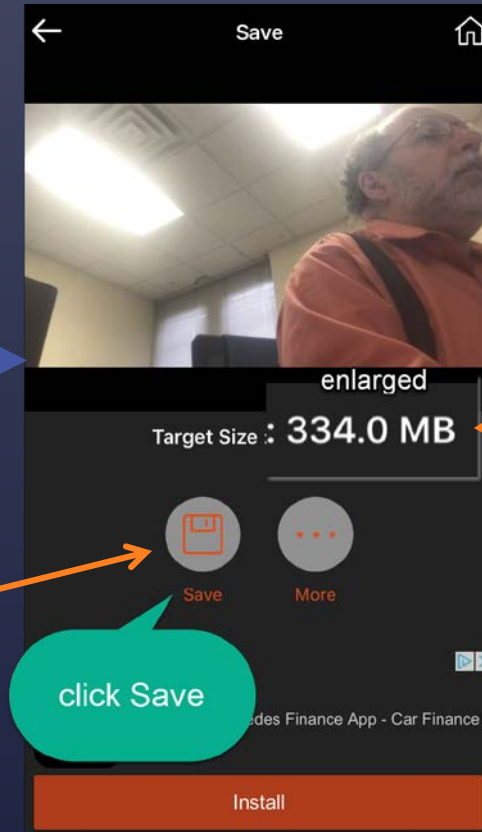


Tap the icon as shown to start compressing

Let the process of compressing the video continue until the device tells you it's successful.



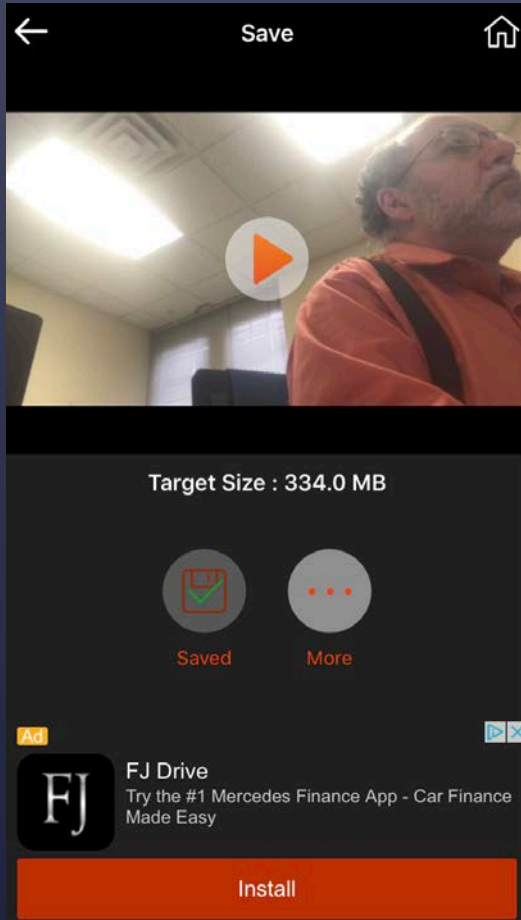
The final size shown is 334 MB.



click Save

Tap save

The video is now ready to be uploaded to Arc



- At this point, you must move the compressed video to your computer.
- Once on your computer, play the video.
- If the video performs, you can then open Canvas on your computer.
- Go to the assignment file and after you hit “submit”, select the Arc tab, and upload your video using the Arc tools.

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