

Browse to your video (hold shift key down if you want load multiple videos) – currently Contour and Miufly spatial video cameras are supported – though any video (patrol eyes) can be compressed with GPS being reattached later

GeoVisuals Processor


GeoVisuals: Select your video for GPS extraction and compression.

Source File Folder: I:\Kent012519\14626 **Browse...**

Source File Name: 00000\_00000020190125144956\_0008.MP4

Destination File Folder: I:\Kent012519\14626 **Browse...**

Destination File Name: 00000\_00000020190125144956\_0008\_1296p.MP4

 Original File Size: 1.68 GB  
Original Video Mode: 1296 p  
Original Dimension: 2304 x 1296

Customize your resolution percentage and image dimensions

<input type="text" value="100"/> %	Selected Image Dimension	Selected Compression Size	<b>Preview Selected Image Quality</b>
	<input type="text" value="2304"/> X <input type="text" value="1296"/>	<1.68 GB	

You can also select the following options

	Video Mode	Image Width x Height	Estimate Compress Size	<b>Preview Image Quality</b>
<b>75%</b>	972p	1728 x 972	<1.26 GB	<b>Preview Image Quality</b>
<b>50%</b>	648p	1152 x 648	<860.73 MB	<b>Preview Image Quality</b>
<b>25%</b>	324p	576 x 324	<430.37 MB	<b>Preview Image Quality</b>

Compression Mode:  Frame Rate:  6 fps  Image Quality

**Start GeoVisuals Processor**

The default is to compress the number of frames per second – 6 per second – you can increase the frames, or shift to reducing image quality. I suggest go with the default.

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Compression Mode:  Frame Rate:  6 fps  Image Quality

**Start GeoVisuals Processor**

It will compress video, extract the audio, and extract the GPS (as CSV and GPX).

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Customize your resolution percentage and image dimensions

Resolution	Selected Image Dimension	Selected Compression Size
100%	2304 X 1296	<1.68 GB

You can also select the following options

Resolution	Video Mode	Image Width x Height	Estimate Compress Size
75%	972p	1728 x 972	<1.26 GB
50%	648p	1152 x 648	<860.73 MB
25%	324p	576 x 324	<430.37 MB

**Start Extracting GPS data**

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**GeoVisuals Processor**

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Original Dimension: 2304 x 1296

Customize your resolution percentage and image dimensions

Resolution	Selected Image Dimension	Selected Compression Size	Action
100%	2304 X 1296	<1.68 GB	<b>Preview Selected Image Quality</b>

You can also select the following options

Resolution	Video Mode	Image Width x Height	Estimate Compress Size	Action
75%	972p	1728 x 972	<1.26 GB	<b>Preview Image Quality</b>
50%	648p	1152 x 648	<860.73 MB	<b>Preview Image Quality</b>
25%	324p	576 x 324	<430.37 MB	<b>Preview Image Quality</b>

✓ Finish Extracting GPS data, Generate 00000\_00000020190125144956\_0008\_1296p.csv at I:\Kent012519\14626/  
Start Compressing video by frame rate (.mp4) ...

34.04%

A folder will be created that contains the compressed video, audio, and GPS files. (Don't delete the original video – that's still vital, but this compressed video is easier to upload to the server).

00000\_00000020190125144956\_0008\_1296p

File Home Share View

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★ Quick access

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- iCloud Drive

Name	Date modified	Type	Size
00000_00000020190125144956_0008_1296p.csv	2/15/2019 8:13 AM	Microsoft Excel C...	82 KB
00000_00000020190125144956_0008_1296p.gpx	2/15/2019 8:13 AM	GPX File	157 KB
00000_00000020190125144956_0008_1296p.MP3	2/15/2019 8:15 AM	MP3 File	19,817 KB
00000_00000020190125144956_0008_1296p.MP4	2/15/2019 8:26 AM	MP4 File	219,786 KB

Browse to the following link to start upload your data:

<http://geovisuals.cs.kent.edu/>