



DroneViewer

Version History

Version 1.2.5 - July 18, 2021

Bug Fixes and Improvements:

- Fixed bug in which lat/lon errors in data stream could cause DroneViewer to crash if the Dashboard display is visible.
- Fixed bug in which compass drone would disappear when a video was loaded.
- DroneViewer will now process GoPro videos that have a file timestamp in year 1999 (an indicator that the user did not set the GoPro's time/date).
- Fixed bug that would delete the wrong geotag under certain conditions.
- Replaced black "up" and "down" arrow icons in main window with new blue ones.

Version 1.2.4 - Jan 17, 2021

Bug Fixes and Improvements:

- The mouse can now be in the main viewer window to perform a zoom using the mouse wheel. Previously, the mouse had to be on top of the main video for mouse wheel zoom to take effect.
- Improved layout of Map Window controls
- [Mac] Improved font rendering in GUI panels
- [Mac] Improved zoom behavior for users of Apple MagicMouse or trackpads.
- [Mac] Improved support for Dark Mode
- [Mac] Fixed 'blank tab' GUI issue when run under macOS Big Sur
- [Mac] macOS 10.14 or later required
- [Windows] DroneViewer will no longer remind you to install K-Lite Codec Pack if you've installed it already.

Version 1.2.3 - June 20, 2020

New Features:

- Added support for DJI Mavic Air 2. Note: Be sure to turn on Video Captioning in the DJI Fly app to ensure the trajectory data is written into the video files.
- Added support for the Autel EVO 2. Be sure to turn on Subtitle .ass File Option in the AutelExplorer app.

Bug Fixes:

- Embedded SRT format: No longer require the videos to have uppercase .MOV or .MP4 extensions.

Version 1.2.2 – November 23, 2019

New Features:

- Added support for DJI Mavic Mini. Note: Be sure to turn on Video Captioning in the DJI Fly app to ensure the trajectory data is written into the video files.
- GPX importer now supports <time> stamps with fractional seconds.
- GPX export now produces GPX v1.1 namespace

Bug Fixes:

- Prevent crash that could happen if GPX datarate is at too high a frequency.

Version 1.2.1 – October 3, 2019

New Features:

- Improved compatibility with Mavic Pro 2 by supporting *altitude* metric (firmware v01.00.0510 required)
- Added support for the Autel X-Star Premium drone via the .ass file

Version 1.2.0 – September 21, 2019

New Features:

- Added support for the Autel EVO drone via the .ass file (v1.4.9 FW)
- Compatible with DJI Mavic Pro 2 Zoom (no altitude)
- Added user-selectable altitude correction modes:
 - *None*, *Geoid*, and *Relative to 1st point*
- Switched to DarkSky.net instead of wunderground.com for historical weather.
- Black background for Graph widget

Version 1.1.4 – July 20, 2019

New Features:

- Added support for DJI Matrice 200 SRT file format

Bug Fixes:

- Fixed issue with Google Maps reporting "For development purposes only"
- Fixed bug in which space character would be ignored in Geotag title input dialog
- Fixed minor bug in which the Return key would be ignored when used in the Geotag title window to accept or dismiss the GUI.

Version 1.1.3 – March 9, 2019

New Features:

- Alt-Return, F11, and Cmd-F (Mac) or Ctrl-F (Win) will all toggle fullscreen mode
- The spacebar-to-pause/resume feature now works even if the main window is not in the forefront.

General Improvements:

- The Time Preferences have been simplified. The *Auto-Fix Time Offset* button, the *Always Auto-Fix Time Offset* button, and the *Time Offset* field have all been removed. These have been replaced with a *Time Bias* field. The Time Bias allows you to fine-tune the synchronization of the video with the drone's map position. In most cases this can be left at '0' seconds.

Bug Fixes:

- Fixed crash that could occur if all graph y values were identical.

Version 1.1.2 - December 16, 2018

New Features:

- Added compatibility with the SRT files produced by the DJI Mavic 2 Pro using firmware version 01.00.0200. Note that altitude data is missing from the SRT file.
- The Registered version will now display up to 66 minutes of GoPro lat/lon/alt data. Previously, the Registered version would only show 1 minute of GoPro data.

Bug Fixes:

- Improved synchronization between video and data.

Version 1.1.1 - December 2, 2018

New Features:

- Users can now switch latitude/longitude formats in the Dashboard, Geotags, and CSV file export. The options are Decimal degrees (DD.DDDDDD), integer degrees+decimal minutes (DD MM.MMMM), or integer degrees+integer minutes+decimal seconds (DD MM SS.SS). Single-click in the lat/lon Dashboard display to toggle between formats, or access the setting in the Preferences.
- Tap the 'f' key to swap compass icons between quadcopter and arrow
- Improved data graph draw speeds
- Improved responsiveness of Dashcam Viewer when clicking in the map or in a graph to jump to a point in a video.

Version 1.1.0 - November 3, 2018

New Features:

- New user-configurable speedometer!
- Now compatible with GoPro HERO5 and HERO6 GPS data

Bug Fixes:

- Fixed bug in distance readout
- Fixed artifact on main window after startup
- Fixed bug in that would prevent default settings file from being deleted
- Fixed bug in which geotags could have incorrect timestamps
- Fixed bug related to preserving windows sizes between runs

Version 1.0.2 – July 20, 2018

New Features:

- Added new Line-Of-Sight (LOS) graph. This graph shows the distance of the drone from the start point.
- LOS is now exported in the CSV file.
- Added new speed unit: meters/sec. You can switch units via the Preferences or by clicking the units tag in the speedometer.
- Improvements in auto-scaling of graphs
- Improvements to graphs when changing speed units
- Updated Users Manual

Bug Fixes:

- Fixed bug in which altitude values in GPX files could be ignored

Version 1.0.1 – July 13, 2018

New Features:

- Added compatibility with Phantom 4 Pro v2, which embeds its GPS data inside the movie file itself. Note that Video Caption must be enabled in the Go App for this to occur. Earlier Phantom 4 Pro drones (and possibly Inspire2 drones), which also store their SRT data in the movies, may work as well although I haven't tested them.

Bug Fixes:

- Fixed bug in which consecutive movies recorded at significantly different times would not update the cursor correctly.
- Fixed bug in which SRT data points stored at greater than 1 Hz were not loaded properly.

Version 1.0.0 – July 8, 2018

- Initial release