



# DroneViewer

## Version History

### 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