



Do you provide stabilization of the video?

For DRONE videos captured by drones - YES. For ground videos captured by SCOUT cameras - NO.

In short, depending on the video you want to process:

- **SWISSTRAFFIC.ai DRONE** - you will always receive consistent traffic data in time and space which is not affected by unwanted movements of the drone. Stabilization is an integral part of our processing.
- **SWISSTRAFFIC.ai SCOUT** - we do not stabilize the videos as it is intended for the analysis of the records captured by fixed cameras. But our **swiss SCOUT** has an integrated stabilization system.

Though the **modern drones** are super stable, it is still not possible to record longer aerial videos in the exact same viewpoint and **digital stabilization is required** (all tiny camera movements are multiplied with the distance - this is the physics). Therefore, the sophisticated digital stabilization must be and is **an integral part** of **SWISSTRAFFIC.ai DRONE**. For that reason, our outputs are robust to small movements of UAV/drone during the recording caused by wind, operator, etc. The stabilization is also needed if you want to get **super precise** vehicle positions, speeds, accelerations for advanced traffic analysis such as safety analysis or capacity estimation.