

User Manual for SafeCross TA

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1 Introduction

Welcome to the user manual for *SafeCross TA*, a standalone application designed for video annotation and analysis. This manual provides a step-by-step guide on how to use the application.

2 Getting Started

2.1 Installation

To use *SafeCross TA*, download the application from the following link.

2.2 Running the Application

No installation is required, you may need to open the application in administrator mode run it. To do this:

1. Right-click on the application icon.
2. Select 'Run as administrator'.

3 Features and Usage

3.1 Loading Videos

To load a video into the application, navigate to *File - Load Video* or use the shortcut *Ctrl+L*.

3.2 Loading TACAL File

The TACAL file contains essential calibration parameters for relating pixel coordinates to world coordinates (T-Calibration).

3.3 Annotations

The application allows you to annotate videos with bicycle and tram track data. To annotate a position, simply click on the desired location in the video frame.

3.4 Saving Annotations

To save your annotations, navigate to *File - Save Annotations* or use the shortcut *Ctrl+S*.

3.5 Editing Annotations

The application provides various options to edit annotations. You can clear bicycle annotations, clear specific bicycle IDs, clear tram tracks, and clear specific tram IDs. These options can be found under the *Edit* menu.

3.6 Switching Modes

You can switch between *Bicycle Mode* and *Tram Track Mode* using the *Mode* menu.

3.7 Help and Controls

For a detailed list of controls and further assistance, navigate to *Help - Controls*.

4 Output

Once you have completed annotating your video, the application will generate an output file named *crossings_data.xlsx*. This file can be used as input to *SafeCross SMOs*. For more details on how to use this file with *SafeCross SMOs*, please refer to its manual.