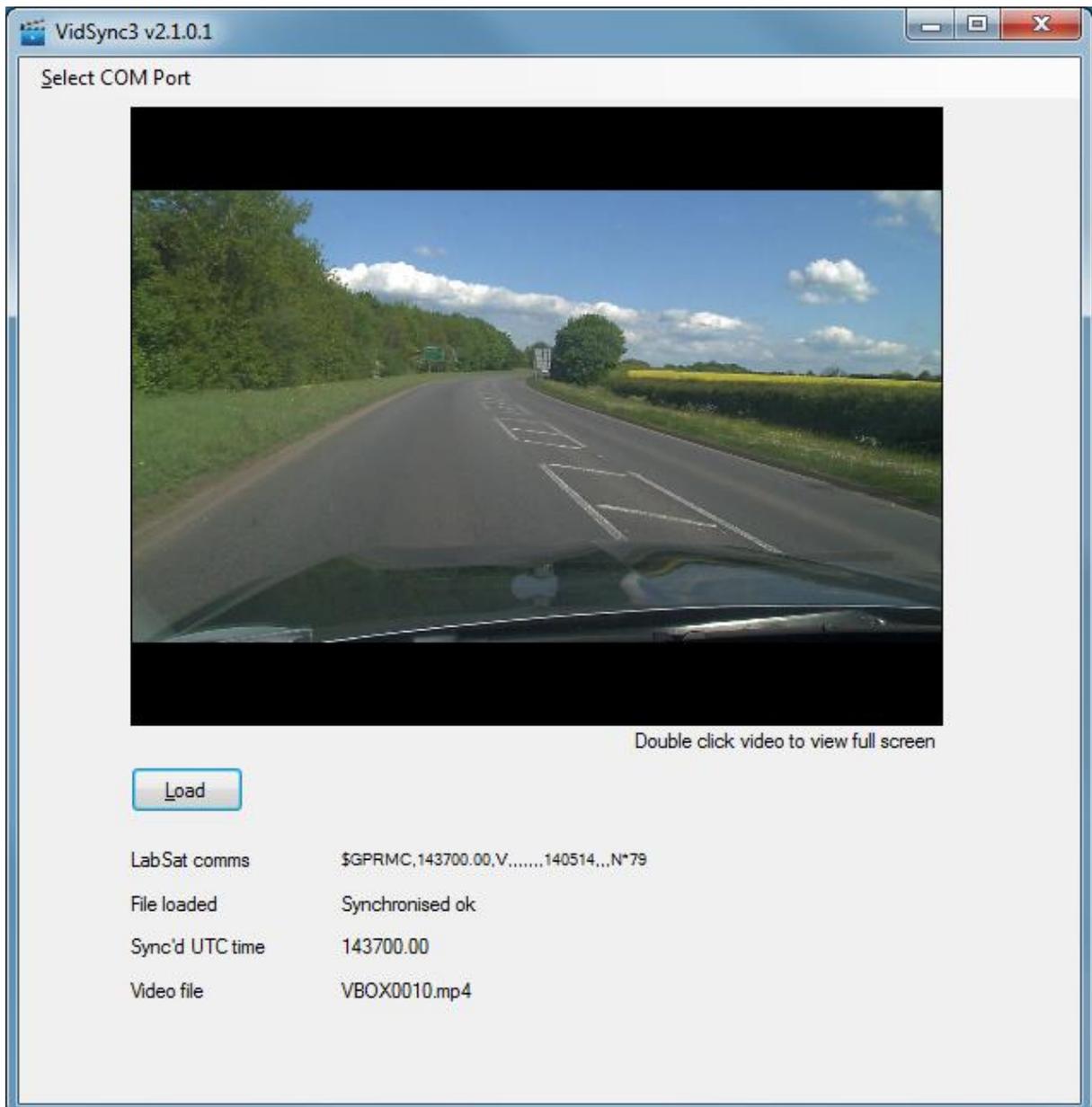


VidSync3 Software

User Guide



This page is intentionally left blank

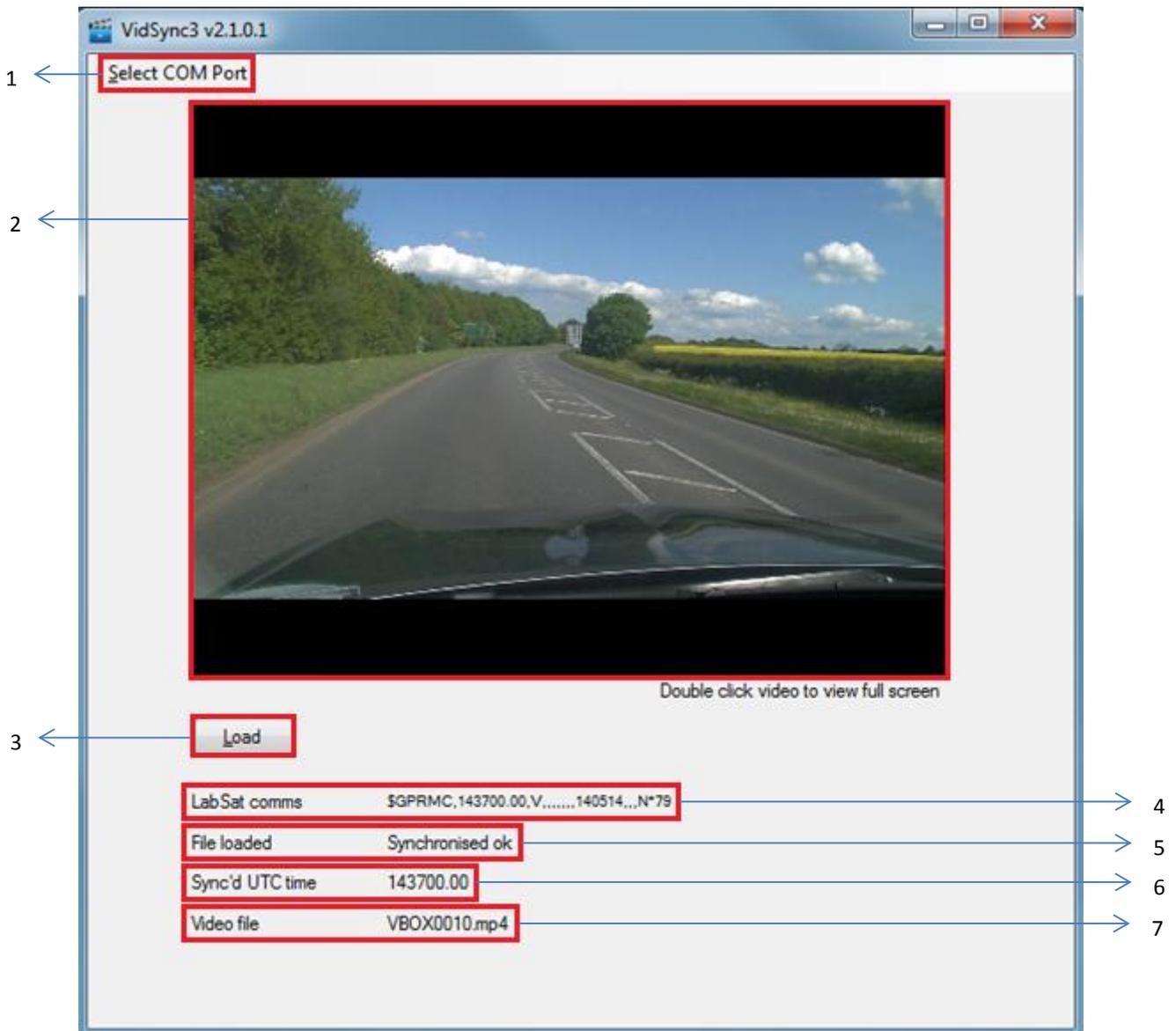
Contents

Introduction	4
Overview	4
1. Select COM port	4
2. Main video window	4
3. Load	4
4. LabSat comms	4
5. File loaded	4
6. Sync'd UTC time.....	4
7. Video file.....	4
Setup	5
Hardware Connection	5
Software Connection	5
Loading VBO File	6
Contact information	7

Introduction

The LabSat VidSync software will synchronise a Video VBOX recording with a replay of a LabSat 3 GPS scenario. This allows users to visualise the exact position and context of the GPS receiver during LabSat GPS replays. The Video VBOX video and LabSat scenario recording must be completed at the same time.

Overview

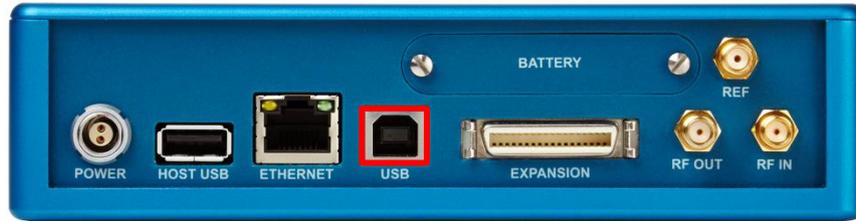


1. **Select COM port** – selecting the COM port that the LabSat 3 is connected to.
2. **Main video window** – displays the file being replayed.
3. **Load** – allows the user to select the required VBOX file.
4. **LabSat comms** – displays the NMEA data the software is receiving from LabSat 3.
5. **File loaded** – displays the synchronisation status of the two files.
6. **Sync'd UTC time** – displays the UTC time of the replay.
7. **Video file** – shows the name of the selected file.

Setup

Hardware Connection

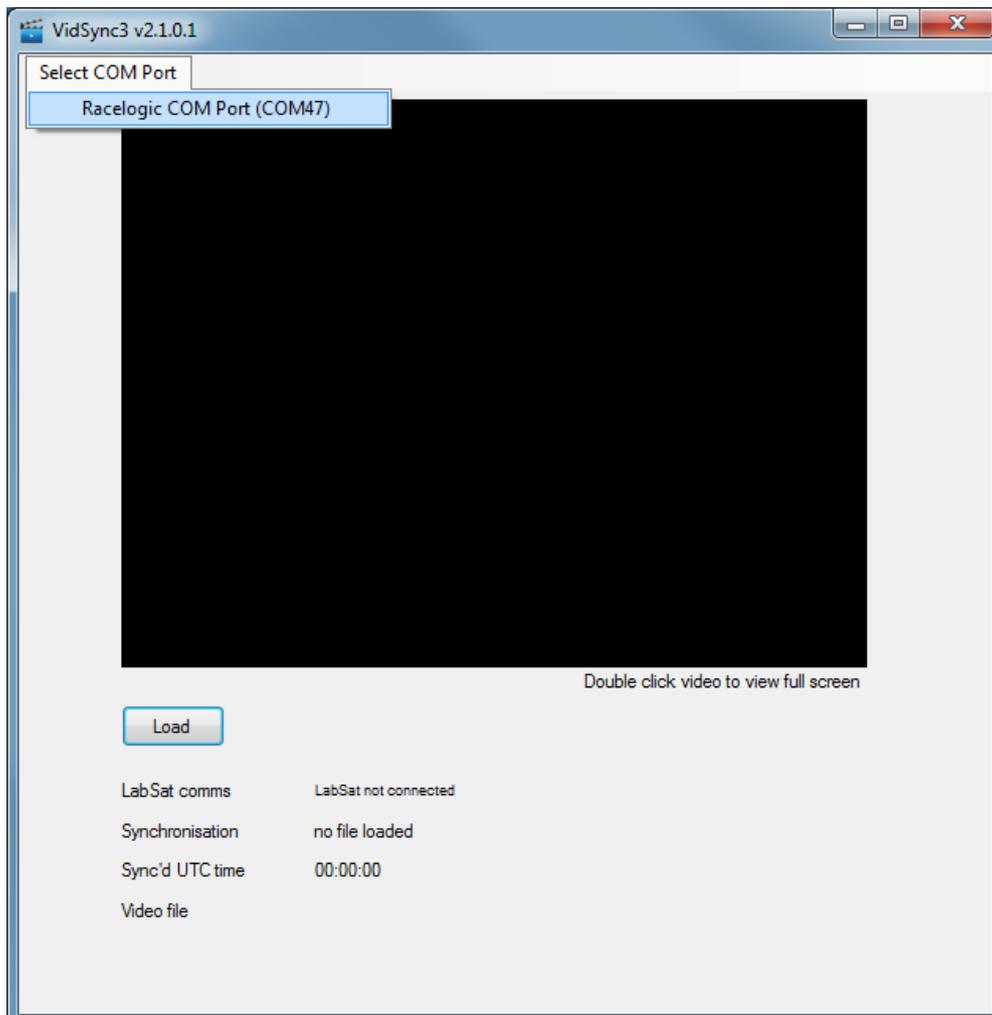
Connect to the PC via the USB port on the rear of the LabSat 3. This will show as 'Racelogic COM Port' in device manager.



If the LabSat shows as an unknown device make sure the LS3 drivers are installed. LabSat 3 drivers can be downloaded here <http://www.labsat.co.uk/index.php/en/customer-area/software-firmware>.

Software Connection

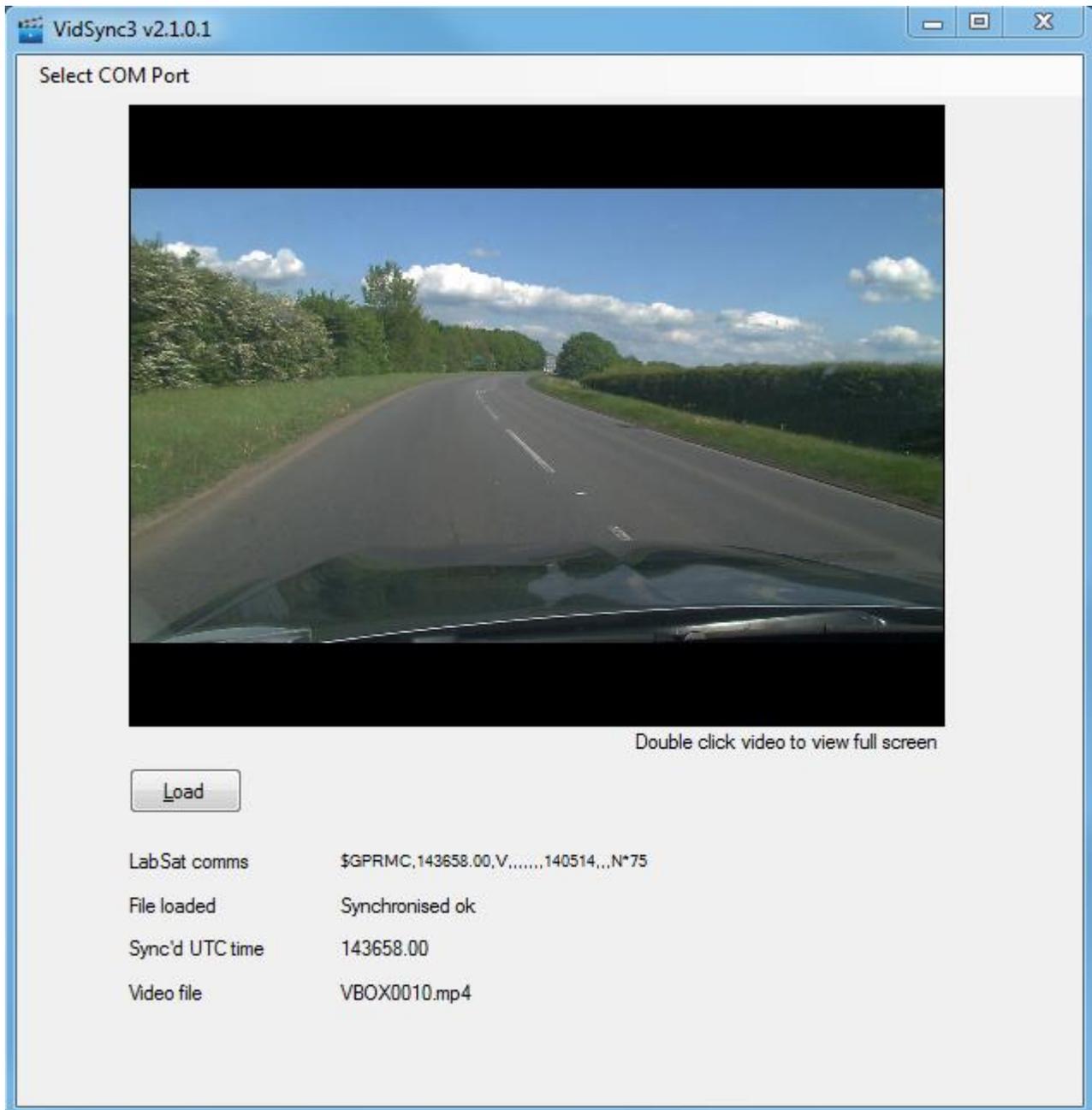
Once the LabSat is recognised and allocated a COM port number it can be selected in the software. Pressing the 'Select COM Port' icon will display a dropdown list of all available COM ports; Select the one that has been assigned to LabSat 3 in device manager.



Loading VBO File

Ensure the VBO file is in the same folder as the corresponding AVI or MP4 file. Pressing the 'Load' button will open a file window allowing a VBO file to be selected, select the appropriate file.

When the file has been loaded the files frame of video will be displayed in the video window.



The video replay will begin when the LabSat 3 replay is started and the UTC time is synchronised.

NOTE: Power save option within LabSat 3 should be disabled prior to the replay, leaving power save enables will disable the transmission from the internal GPS monitor after 30 seconds stopping the video from be synchronised.

Contact information

Racelogic Ltd
Unit 10 Swan Business Centre
Osier Way
Buckingham
MK18 1TB
UK

Tel +44 (1280) 823803

Fax +44 (1280) 823595

Email: Support@racelogic.co.uk

Web: www.racelogic.co.uk

Revision	Description	Date
1.0	First release - KH	06/06/14