

70MAI DashCam Viewer

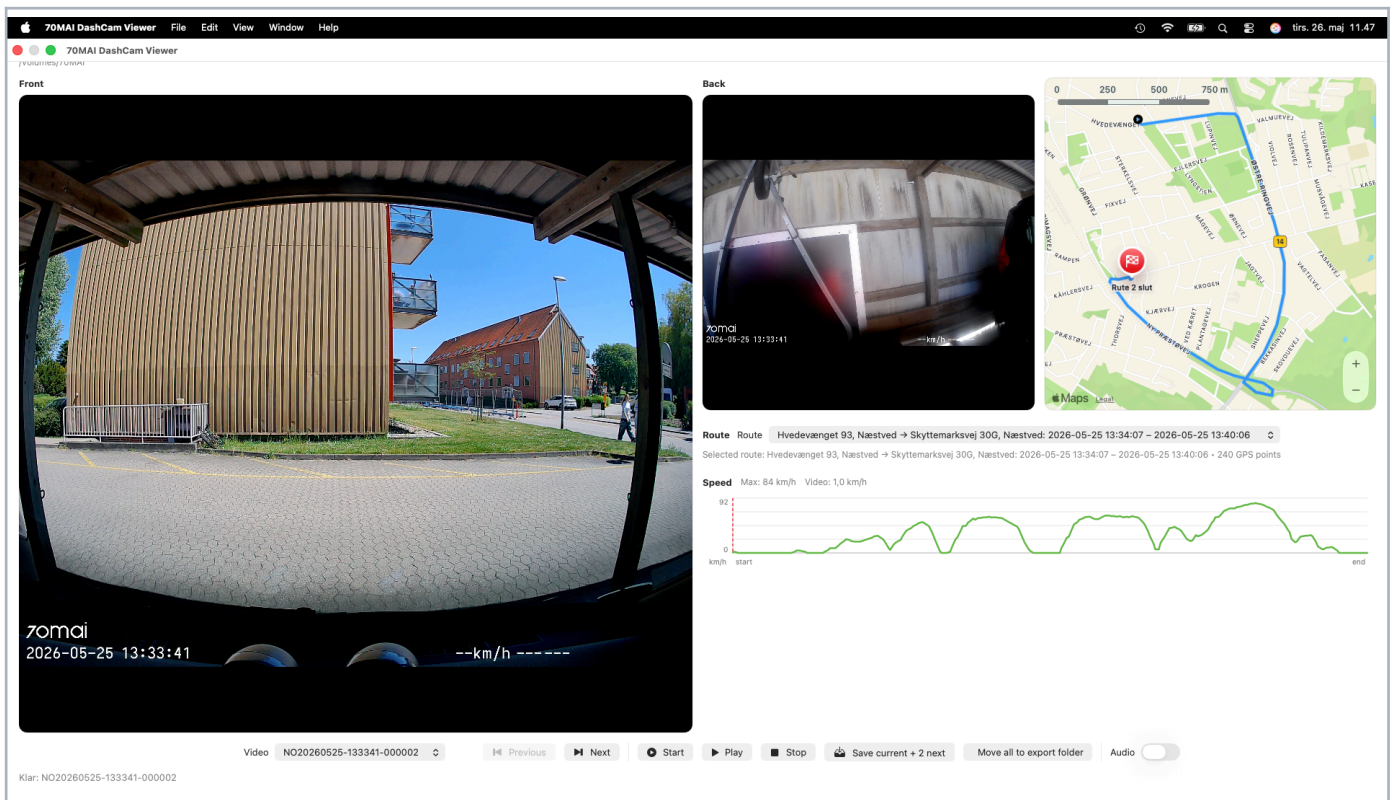
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1. Overview

70MAI DashCam Viewer is a macOS app for viewing Front and Back dashcam videos together with GPS routes, map view and a speed graph.

- Play Front and Back video simultaneously.
- Choose the SD card root folder or an exported folder.
- Read GPSData000001.txt or a cached GPSData999991.json file.
- Select routes, review routes and remove GPS-noise routes.
- Save incident videos and move the full SD card content to an SSD/archive.



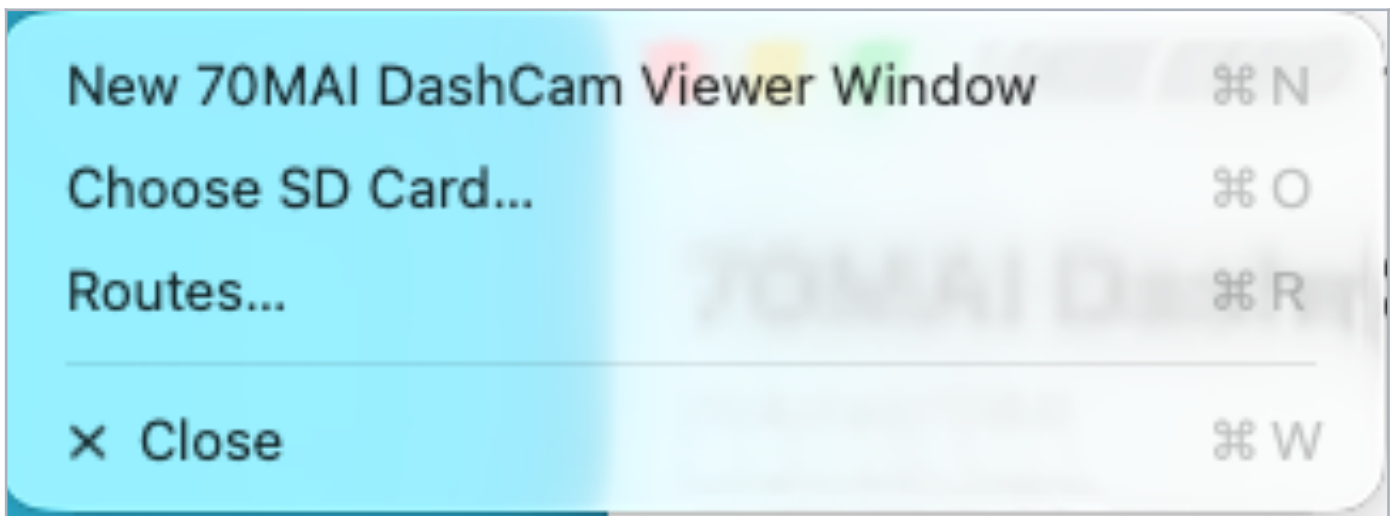
2. Folder structure

The app expects this structure on the SD card or in a saved/exported folder:

Location	Content
Normal/Front	Front MP4 videos
Normal/Back	Back MP4 videos
GPSTData000001.txt	Original GPS data from the camera
GPSTData999991.json	Optional geotagged cache created by the app

3. Menu bar

- Settings is opened from the app menu with Command + comma.
- Choose SD card is under the File menu and can be opened with Command + O.
- Routes is under the File menu and can be opened with Command + R.

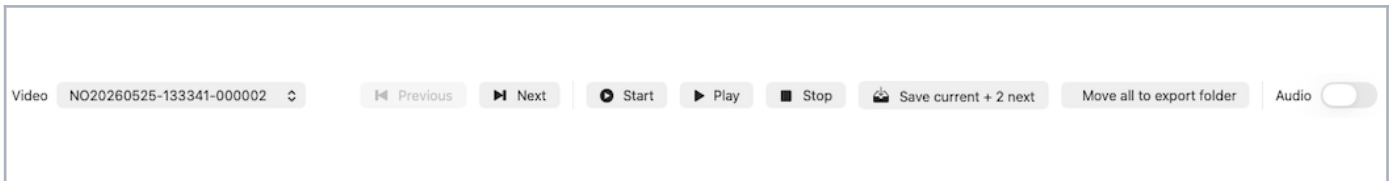


4. Choose SD card or folder

1. Choose File > Choose SD card.
2. Select the SD card root folder or the root of an exported folder.
3. The app automatically finds Normal/Front and Normal/Back.
4. If GPSTData999991.json exists, it is used before GPSTData000001.txt.

5. Playback

- The video list shows matched Front/Back pairs.
- Start plays the selected pair.
- When a video pair ends, the app automatically continues to the next pair.
- Audio can be turned on or off from the main window.



6. Routes, map and speed graph

- When a route is selected, the video list is filtered to the pairs that match the route.
- If there is a video pair within one minute before GPS route start, it is included as pre-roll.
- The map shows the selected route and an indicator for the current video pair.
- The speed graph shows speed over time in km/h.



7. Route overview and cleanup

The route overview shows all routes and details for the selected route.

- Start and end address, if available from JSON cache or geocoding.
- Start time, end time and duration.
- Calculated route length and average speed.
- Number of GPS points and related video pairs.
- Option to delete GPS-noise routes and related videos.

Route overview

Close
Choose route Hvedevænget 93, Næstved → Skyttemarksvej 30G, Næstved: 2026-05-25 13:34:07 -... Delete route

Start	Hvedevænget 93, Næstved	End	Skyttemarksvej 30G, Næstved
Start time	2026-05-25 13:34:07	End time	2026-05-25 13:40:06
Duration	5 min 59 sec	Length	3,16 km
Avg. speed	31,7 km/h	Video pairs	6
GPS points	240	Route ID	Route 2

8. Settings


Settings is divided into two tabs.

Tab	Settings
General	Language, save folder and export folder
Time and GPS	GPS timestamp time zone, display time zone and Recalculate


Settings

General Time and GPS



Language English ↕

Save folder /Volumes/ExternSSD/70MAI/GemmeVideoeer  Choose folder...

The save folder is used for 'Save current + 2 next' / Incident videos.

Export folder /Volumes/ExternSSD/70MAI  Choose folder...

The export folder is used for 'Move all to export folder' when the SD card should be emptied to SSD/archive.


 Default  OK

Settings

General **Time and GPS**


The GPS file epoch time is interpreted as local time in the selected GPS timestamp time zone. The default UTC-08:00 means that a GPS time of 03:00 becomes 11:00 UTC.



GPS timestamp time zone UTC-08:00 ↕ Valid

Display time zone Europe/Copenhagen ↕  Use Mac time zone

Current interpretation: GPS epoch is interpreted in UTC-08:00 and displayed in Europe/Copenhagen.

Press Recalculate after changing the GPS timestamp time zone or display time zone.

 Recalculate

 Default  OK

9. Time zones

The GPS timestamp time zone describes the time zone that the camera GPS epoch should be interpreted as. The default is UTC-08:00. For example, a GPS time of 03:00 is interpreted as 11:00 UTC.

The display time zone controls how times are shown in the app. For Denmark, the default is Europe/Copenhagen.

After changing the GPS timestamp time zone or display time zone, press Recalculate.

10. Save incident videos

- Choose a save folder in Settings > General.
- Click Save current + 2 next to save the current video pair and up to two following pairs.
- The app also saves GPSData000001.txt and GPSData999991.json for the incident.

11. Move all data to export folder

- Choose an export folder in Settings > General.
- Click Move all to export folder.
- The app copies videos and GPS data to the export folder and then clears the source.
- A confirmation is shown before the app deletes from the source.

12. GPSData999991.json

The app creates a JSON cache with geotagged routes, so exported folders and incident folders can be opened later without new geocoding requests.

- If JSON exists and is current, it is used before TXT.
- If only TXT exists, the start and end points of the routes are geocoded and saved to JSON.
- If geocoding fails, coordinates are not saved as addresses.

13. Troubleshooting

Problem	Possible solution
No videos are shown	Check that Normal/Front and Normal/Back exist and that filenames match the camera format.
Routes do not match videos	Check the GPS timestamp time zone and press Recalculate.
Geocoding timeouts	Open the folder again after JSON cache has been created, or check the internet connection.
The app cannot write	Choose the save folder or export folder again in Settings to renew macOS permission.