



Speedline EM40

2CH UHD/QUD

High-res Front & Rear Dash Cam

Quickstart Guide

English

Terms of Use & Disclaimer

1. This product records video footage while the vehicle is in operation. It is intended for use as reference only in the event of incident investigation or traffic accident. In the case where the force of the collision is too light to activate the impact sensor or so severe that it causes the vehicle's battery voltage to deviate from the working range, the device may not be able to record the incident.
2. Product must be completely switched on for footage recording to begin.
3. Speedline is not responsible for any losses incurred from incidents or for the provision of any incident-related support.

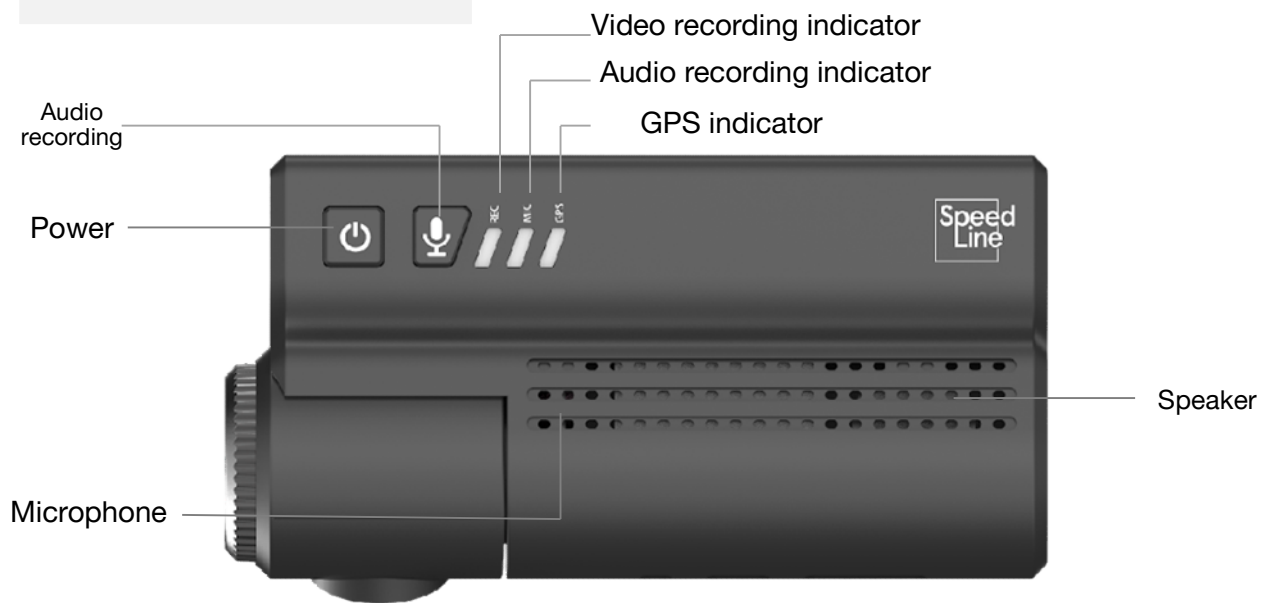
Points to Note

1. Do not disassemble or attempt to repair the product. This would result in user breach which invalidates warranty.
2. To prevent accidents, do not operate the product while driving.
3. Turn off the product prior to exposing it to direct sunlight for an extended period of time to avoid malfunction.
4. There may be some delay in real-time recording, monitoring, and playback of recorded videos depending on the specifications of the mobile device.
5. Do not connect to a continuous power supply on your own as this may cause malfunction. Connection depends on the vehicle power source. For installation, contact a professional technician.
6. To access videos stored in the memory card, it is recommended to download the video through the Speedline mobile application to prevent it from being overwritten during loop recording.

Product Specifications

Brand	Speedline
Model	EM40
Image sensor	Front camera: Sony IMX678 (STARVIS 2) Rear camera: Sony IMX335 (STARVIS)
Resolution	Front camera: 3840*2160P 30fps Rear camera: 2560*1440P 30fps
Viewing angle	Front camera: 150°, rear camera: 135°
HDR	Available
Wi-Fi	5.8GHz ultra-high-speed transmission
Power supply	DC12-24V 1.5A
Memory card	Standard-equipped with 128GB industrial-grade micro SD; supports up to 512GB
Operating temperature range	-20°C~70°C
High-temperature protection	75°C
Low-voltage protection	Available
Recording modes	Driving mode, Parking mode (Impact), Parking mode (Time-lapse)
International certifications	FCC, CE, RoHS

About the Product



Product Buttons and Indicators

Item	Operation & status indicator
Power button	1. Short press to turn on - “Start Recording” signal comes on
	2. While recording, short press to pause - “Stop Recording” signal comes on Short press again to resume recording - “Start Recording” signal comes on
	3. Long press (3 secs) to turn off - “Stop Recording” signal comes on, equipment switches off
Audio recording button	1. Short press to start/stop audio recording - “beep” sounds 2. Long press 10 secs to restore factory settings
Video recording indicator	Red light on: Currently recording video Red light flashes: Video recording stopped
Audio recording indicator	White light on: Currently recording audio
GPS indicator	Blue light on: GPS signal normal Blue light flashes: Searching for GPS signal
Signal	White signal light flashing slowly: Driving mode on White signal light blinking quickly: Parking mode on
	Signal light can be turned on/off via mobile application settings

Installing the Speedline Mobile Application

Supports Android and iOS platforms

To download:

- Search for “Speedline” on Google Play or App Store, or
- Scan the appropriate QR code below



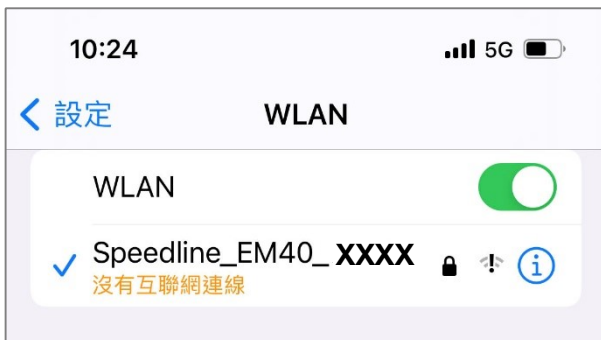
iOS



Android

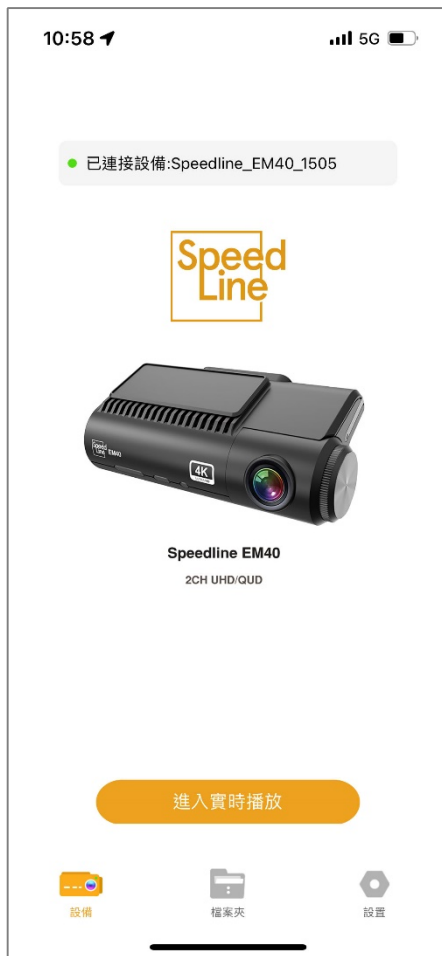
Note: During first use, permission needs to be given to access items such as location and saving

Connecting to mobile device

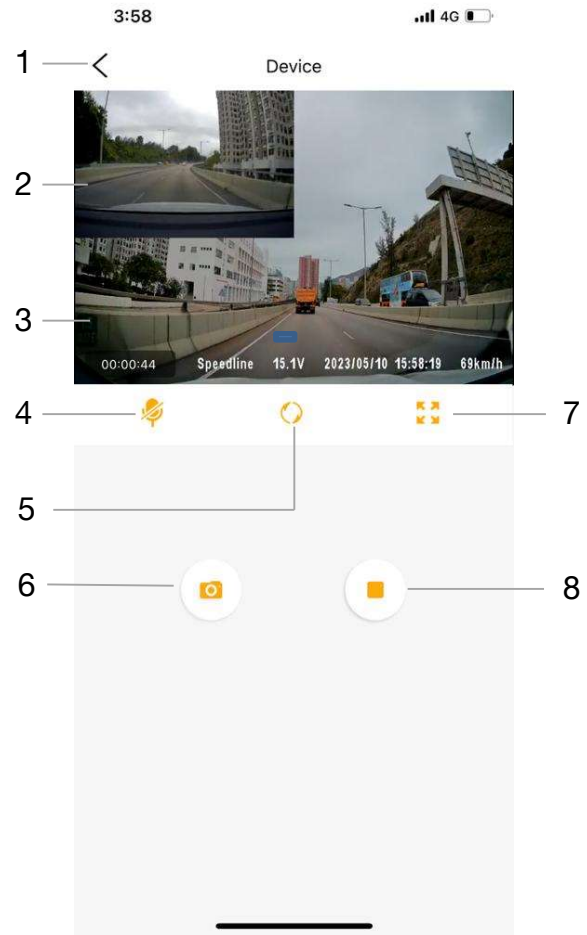


1. Turn on Wi-Fi on mobile
2. Select “Speedline_EM40_XXXX” from list
3. Enter passcode “12345678” and tap on “join”

Speedline Application



Mobile application home screen

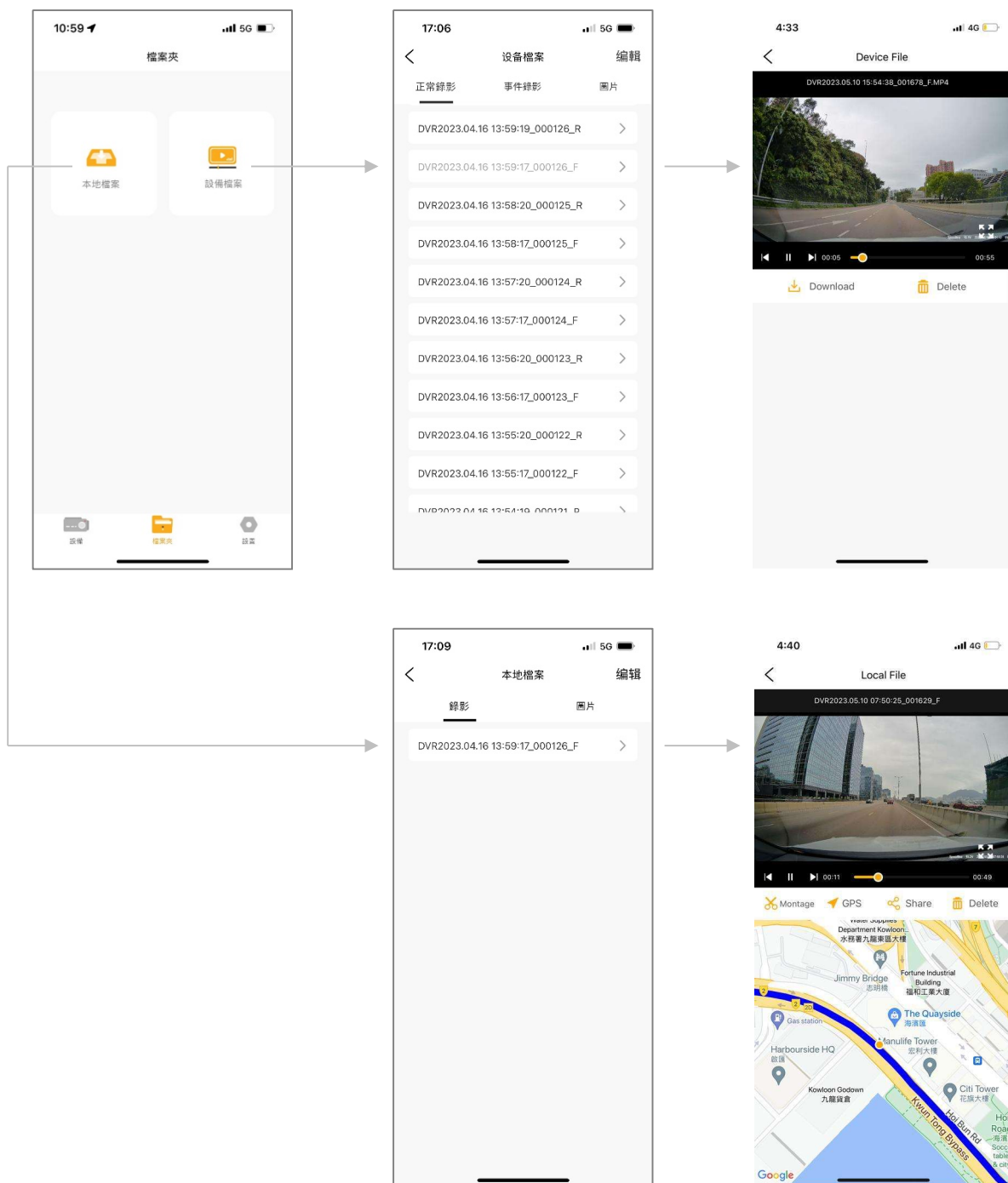


Real-Time feed

Current view

1. Return to "Home"
2. Real-time rear-camera view
3. Real-time front-camera view
4. Audio recording on/off
5. Switch between front & rear cameras
6. Take photo
7. Switch to fullscreen
8. Stop/start recording

Files



1. “Device Files” refer to videos and images stored in the memory card
2. Device files can be downloaded and saved locally to the mobile phone gallery or deleted
3. Local video files can be edited, shared or deleted
4. When device is connected to GPS receiver, local video playback on mobile device will display speed and map
5. To access high-res video source files, download them onto a mobile device or copy them onto a computer from memory card. Files sent via mobile app may be compressed

Settings



Gentle reminder:

1. Change password after connecting device for the first time.

Long press audio recording button for 10 secs when device is switched on to reset password to factory default

2. “G-Sensor sensitivity”: Refers to that in driving mode, recorded videos will be saved under “incident recording” when the sensor detects an impact stronger than the pre-set threshold.

“Parking mode (Impact)”: Automatically powers on and records 30-second incident videos upon detecting external impact stronger than the pre-set threshold when the car is switched off and parked.

“Parking mode (Time-lapse)”: Records a continuous video with the pre-set frame rate and duration when the car is switched off and parked.

3. When selecting the “Parking mode” options:
 - a. Ensure there is a continuous power supply
 - b. Note that car battery will be consumed
4. Format memory card regularly to keep it in optimal status for recording & saving.
5. Setting will be immediately saved upon modification.

Packing List

When opening product package, please check that all of the following items are included:

- Front camera (main unit)
- Power cable
- **Quickstart Guide**
- Double-sided tape for main unit and rear camera installation
- External GPS receiver (optional)
- Rear camera
- Rear camera connecting cable
- 128GB memory card (inserted to product) & SD card adapter
- Camera lens cleaning cloth

Warranty

Speedline guarantees to the original buyer that, under normal use, this device will not have any material or workmanship defects within the following period from the date of purchase. Should a component deliver unsatisfactory performance within the warranty period, Speedline will replace or repair the product at its discretion. A similar product or component with equivalent functionality may be offered that is refurbished, renewed, re-manufactured, pre-owned or new (if the model has been discontinued or is out of stock).

- *Full warranty* *2 years*

Items excluded:

1. A product purchased from a source other than Speedline or its authorised resellers.
2. Normal wear and tear, abuse, maintenance neglect, accident, modification, alteration or malfunction due to unauthorised repair.
3. Product use in combination with elements that are not provided or accredited by Speedline, or any resulting damage to the product or its components.
4. Speedline will not be liable for any property or commercial loss and/or indirect loss resulting from accidents or natural disasters, data loss or damage due to any reason, product damage or bodily harm.
5. While the Speedline dash cam can record and save footage of vehicle incidents, there is no guarantee that it can record them all. Incidents that cause minor impact or fail to attain the pre-set threshold for impact detection may not be recorded.

FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception,

which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC 's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.