

VIGORPLUS+

Instruction Manual



English

V363W Series

Professional
High Definition Car DVR

Contents

PRECAUTIONS.....	2
PRODUCT SPECIFICATIONS	3
PACKAGE CONTENTS.....	5
PRODUCT FEATURES.....	6
CONTROLS.....	7
INSTALLATION	8
INSERTING THE MEMORY CARD	8
INSTALLING IN VEHICLES	9
VIDEO MODE.....	13
NORMAL RECORDING	14
EMERGENCY RECORDING (FILE PROTECTED).....	15
AUTO REPAIR	15
PLAYBACK MODE	16
PLAYING VIDEOS	16
VIEWING PHOTOS.....	17
MENU AND SETTINGS.....	18
MENU OPTIONS	18
UPDATING THE FIRMWARE	20
PC CONNECTION	21
REVIEWING VIDEOS WITH GPS LOG.....	21
My_Virgoplus APP (iOS)	23
My_Vigorplus APP (Android).....	33
TROUBLESHOOTING	43
FCC WARNING STATEMENT.....	44

PRECAUTIONS

Please read this manual carefully before operation and keep it for future reference. It will be helpful should you encounter any operational problem.

WARNING: Do not expose this product to rain, moisture or water under any circumstances, doing so may result in the risk of electric shock or fire.

CAUTION: To reduce the risk of electric shock, do not perform and servicing other than that contained in the instruction manual unless you are qualified to do so.

- Have the unit serviced by a qualified service technician if; The Unit has been exposed to rain or water.
- The unit does not seem to operate normally.
- The unit exhibits a marked changes in performance.

LCD: A Liquid Crystal Display (LCD) screen is a multilayer complex component, containing 691,200 pixels. Pixels can however fail during normal product life. 1 pixel = 0.00014% failure rate, and one pixel failures per year of operation is considered normal and not a cause for concern.

WEEE: Disposal of Waste Electrical and Electronic Equipment and/or Battery by users in private households in the European Union.



This symbol on the product or on the packaging indicates that this can not be disposed of as household waste. You must dispose of your waste equipment and/or battery by handing it over to the applicable take-back scheme for the recycling of electronic equipment and/or battery. For more information please contact your local household waste disposal office

**DO NOT ATTEMPT TO SERVICE THE UNIT BY YOURSELF!
THE DEVICE WILL BECOME HOT DURING OPERATION. PLEASE AVOID
TOUCHING THE LENS DIRECTLY DURING OR AFTER USE.**

PRODUCT SPECIFICATIONS

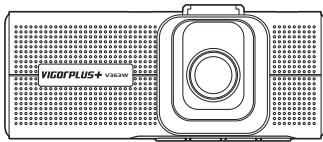
Chip	- V363W: NT98529 - V36R: NT96562																		
CMOS Sensor	- V363W (Front Camera): IMX678 8M - V363W (Cabin Camera): GC2083 2M - V36R: IMX675 5M																		
Video Resolution	- V363W:<table><tr><th>Single Channel</th><th>Dual Channel ((F) + (In))</th><th>Dual Channel ((F) + (R))</th><th>Triple Channel ((F) + (In) + (R))</th></tr><tr><td>4K(F) P30</td><td>4K(F) + 1K(In) P30</td><td>4K(F) + 2K(R) P30</td><td>4K(F) + 1K(In) + 2K(R) P30</td></tr><tr><td>2K(F) P30</td><td>2K(F) + 1K(In) P30</td><td>2K(F) + 2K(R) P30</td><td>2K(F) + 1K(In) + 2K(R) P30</td></tr><tr><td>1K(F) P30</td><td>1K(F) + 1K(In) P30</td><td>1K(F) + 2K(R) P30</td><td>1K(F) + 1K(In) + 2K(R) P30</td></tr></table> - V36R:<table><tr><th>Single Channel</th></tr><tr><td>2K P30</td></tr></table>	Single Channel	Dual Channel ((F) + (In))	Dual Channel ((F) + (R))	Triple Channel ((F) + (In) + (R))	4K(F) P30	4K(F) + 1K(In) P30	4K(F) + 2K(R) P30	4K(F) + 1K(In) + 2K(R) P30	2K(F) P30	2K(F) + 1K(In) P30	2K(F) + 2K(R) P30	2K(F) + 1K(In) + 2K(R) P30	1K(F) P30	1K(F) + 1K(In) P30	1K(F) + 2K(R) P30	1K(F) + 1K(In) + 2K(R) P30	Single Channel	2K P30
Single Channel	Dual Channel ((F) + (In))	Dual Channel ((F) + (R))	Triple Channel ((F) + (In) + (R))																
4K(F) P30	4K(F) + 1K(In) P30	4K(F) + 2K(R) P30	4K(F) + 1K(In) + 2K(R) P30																
2K(F) P30	2K(F) + 1K(In) P30	2K(F) + 2K(R) P30	2K(F) + 1K(In) + 2K(R) P30																
1K(F) P30	1K(F) + 1K(In) P30	1K(F) + 2K(R) P30	1K(F) + 1K(In) + 2K(R) P30																
Single Channel																			
2K P30																			
Screen	2.7 inches screen																		
Video Code / Format	MP4 or TS																		
Audio	Built-in Microphone/Speaker																		
Memory Card Capacity	MicroSD card, support up to 256GB (Not included in package)																		
G-Sensor	Supported																		
Parking Mode	Supported (Hardwire kit not included in package)																		
Loop Recording	Supported:1/2/3/5 minutes per segment																		
Backup Power Source	Super capacitor (No lithium battery) (Ensures all videos are written to the memory card on power failure)																		
Working Temperature	-10°C ~ 60°C																		
External Power Supply	5V 2A																		

Voltage / Current	- V363W (without Wi-Fi): <table border="1"> <thead> <tr> <th>363W</th><th>363W+36R</th></tr> </thead> <tbody> <tr> <td>Voltage: 5V Current: 930~990mA</td><td>Voltage: 5V Current: 1200~1250mA</td></tr> </tbody> </table> - V363W (with Wi-Fi): <table border="1"> <thead> <tr> <th>363W</th><th>363W+36R</th></tr> </thead> <tbody> <tr> <td>Voltage: 5V Current: 990~1060mA</td><td>Voltage: 5V Current: 1270~1360mA</td></tr> </tbody> </table>	363W	363W+36R	Voltage: 5V Current: 930~990mA	Voltage: 5V Current: 1200~1250mA	363W	363W+36R	Voltage: 5V Current: 990~1060mA	Voltage: 5V Current: 1270~1360mA
363W	363W+36R								
Voltage: 5V Current: 930~990mA	Voltage: 5V Current: 1200~1250mA								
363W	363W+36R								
Voltage: 5V Current: 990~1060mA	Voltage: 5V Current: 1270~1360mA								
Size	- V363W: 116 x 49.7 x 49.3 mm(not including bracket) - V36R: 35 x 24.8 x 39.5 mm (not including bracket)								
Net Weight	- V363W: 128g - V36R: 32g								

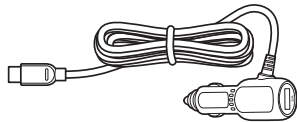
PACKAGE CONTENTS

Please check the contents of your Dash Cam product package. The actual products might appear slightly different from the pictures shown below.

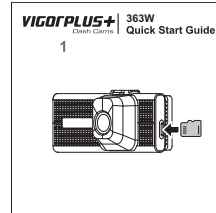
Dash Cam
(Front & Cabin cameras)



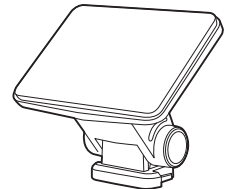
Car charger with Type-C
adapter



Quick start guide



Mounting bracket with
attached 3M adhesive sticker



Window Stickers (x2)



3M Adhesive Sticker

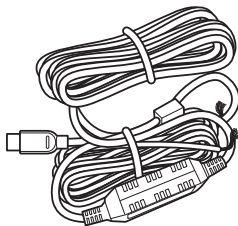


NOTE:

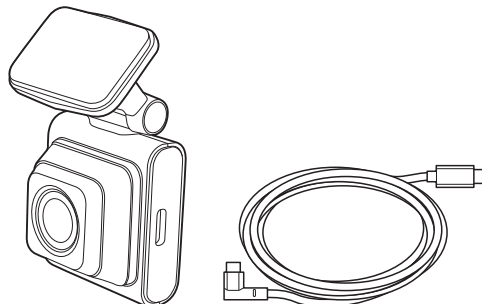
Car charger with Type-C adapter is used for supplying power from the 12-24Vdc outlet of your vehicle.

Optional accessories

Hardwire kit



Rear View Camera with 8m rear camera cable (V36R)



NOTE:

Hardwire kit is used for power connection to the fusebox instead of the 12-24Vdc outlet of your vehicle, which supports the *Parking Mode* function and car battery protection circuitry.

PRODUCT FEATURES

Thank you for purchasing this VIGORPLUS™ Dash Cam product. In this section, we will outline some of the features available with this camera.

2.7" LCD Colour Screen

Large screen for ease of use for the camera configurations and viewing the playback of both videos and photos.

Ultra-Wide Angle Lens

Ultra-wide angle lenses paired with the new Sony IMX678 Starvis sensor for superior night time video quality and reduced motion blur on views.

High Quality Recording Capability

The video resolution varies depending on the model number.

Model Number	Resolution			
	Single Channel	Dual Channel ((F) + (In))	Dual Channel ((F) + (R))	Triple Channel ((F) + (In) + (R))
V363W	• 4K(F) P30 • 2K(F) P30 • 1K(F) P30	• 4K(F) + 1K(In) P30 • 2K(F) + 1K(In) P30 • 1K(F) + 1K(In) P30	• 4K(F) + 2K(R) P30 • 2K(F) + 2K(R) P30 • 1K(F) + 2K(R) P30	• 4K(F) + 1K(In) + 2K(R) P30 • 2K(F) + 1K(In) + 2K(R) P30 • 1K(F) + 1K(In) + 2K(R) P30
V36R	• 2K P30			

G Sensor / File Protection

In the event of an impact, the camera will automatically 'protect' the recording, stopping the file from being overwritten. Individual files can also be 'protected' when viewed within playback mode.

You can also press the  button to manually start the 'protected' recording.

More information about File Protection/Emergency Recording:

- If the file protection/emergency recording starts at the beginning 15 seconds of recording file, both current file and previous recording file will be protected.
- If the file protection/emergency recording starts at the final 15 seconds of recording file, both current file and next recording file will be protected.

Automatic Start / Stop Technology

As soon as the vehicle ignition is turned on, the camera will start to record automatically. When the ignition is turned off, the camera will perform an automatic shutdown process.

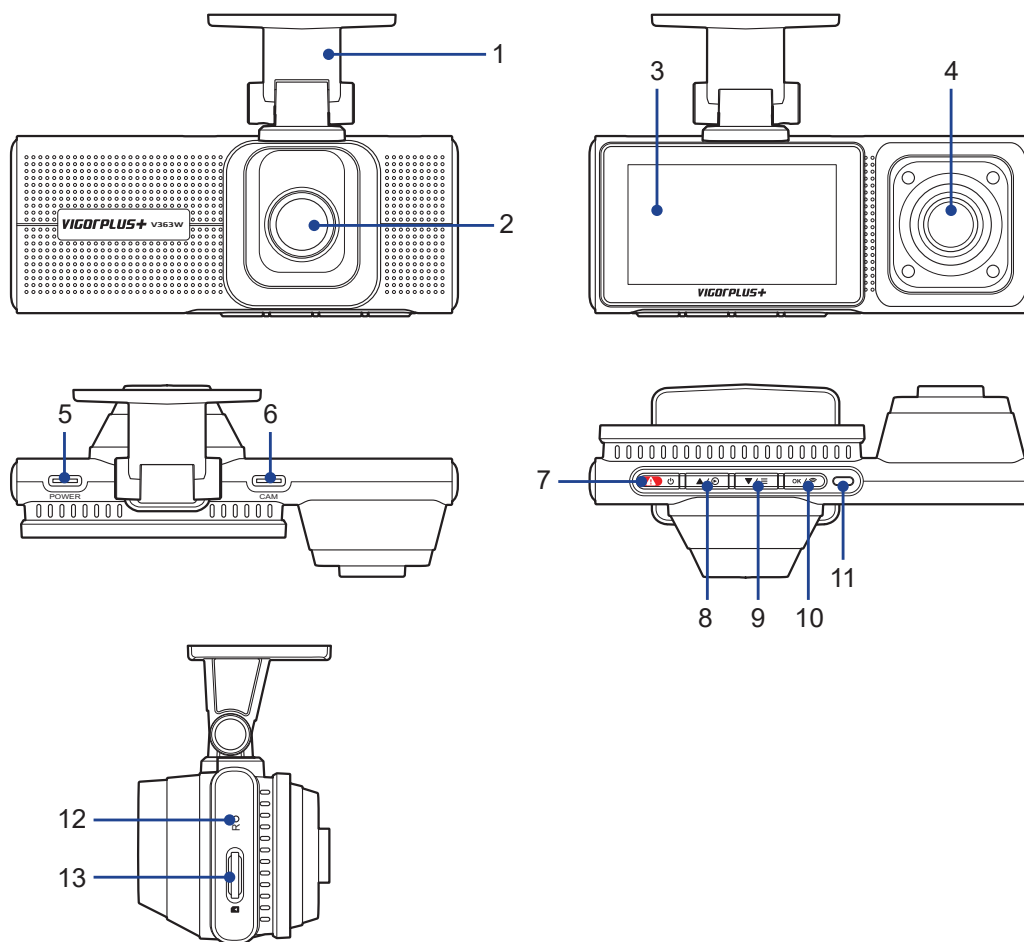
Optional Hardwire Kit with Parking Mode Function

With this function, the camera automatically starts recording when it is triggered by the G-Sensor, keeping your car safe when parked.

Built-in Microphone & Speaker

Record audio to compliment the video recordings.

CONTROLS



1. MOUNTING BRACKET

Install the bracket to the mounting socket.

2. FRONT CAMERA LENS

Wide angle 155°.

3. LCD Display

2.7" IPS display.

4. CABIN CAMERA LENS

Wide angle 155°.

5. USB TYPE-C PORT

Connect the car power cable here.

6. USB TYPE-C PORT

Connect the USB cable or the USB cable of the rear camera here.

7. EMERGENCY/POWER BUTTON ()

- Press to manually trigger the emergency recording.
- Long press to manually turn off the device.

8. UP/PLAYBACK BUTTON ()

- Recording Mode: Enter the Playback mode.
- Recording Mode: Long press to turn off the audio recording.
- Playback Mode: Move to the next file.
- In the Menus: Navigate up within menus.

9. DOWN/MENU BUTTON ()

- Press to open the OSD menu.
- Recording Mode: Long press to take a snapshot.
- Playback Mode: Move to the previous file.
- In the Menus: Navigate down within menus.

10. OK/WI-FI BUTTON ()

- Recording Mode: Press to switch the screen display mode.
- Recording Mode: Long press to enter the Wi-Fi mode.
- Playback Mode: Confirm the selection.
- In the Menus: Confirm the selection.

11. LED INDICATOR

- Red = power on
- Red flashing = recording

12. RESET HOLE

Insert a sharp tool to restart the device.

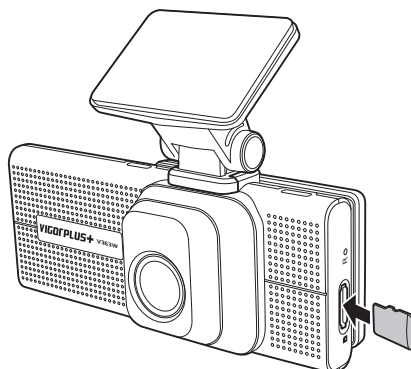
13. SD CARD SLOT

Insert microSD memory card here.

INSTALLATION

INSERTING THE MEMORY CARD

Insert a microSD card into the card slot with the gold contacts facing to the rear of the camera. Make sure to push the memory card until it clicks into place.



NOTE:

- Do not remove or insert the memory card when the camera is turned on. This may damage the memory card, or recordings within.
- The microSD card is sold separately. The microSD card must have a Class-10 or UHS-1 rating or better, and a capacity between 32GB and 256GB.

Recording Time

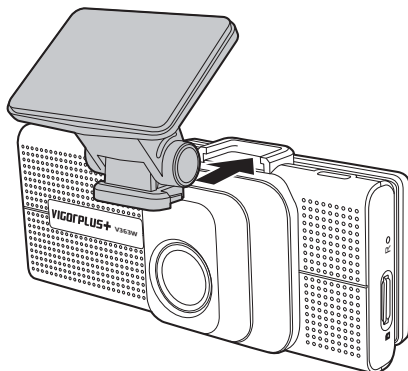
The device supports microSD card up to 256GB.

Card Capacity	Mode & FPS			
	Single 4K @30fps	Dual 4K+1K @30fps	Dual 4K+2K @30fps	Triple 4K+1K+2K @30fps
32GB	2H 15Min	1H 45Min	1H 45Min	1H 25Min
64GB	4H 30Min	3H 30Min	3H 30Min	2H 50Min
128GB	9H	7H	7H	5H 40Min
256GB	18H	14H	14H	11H 20Min

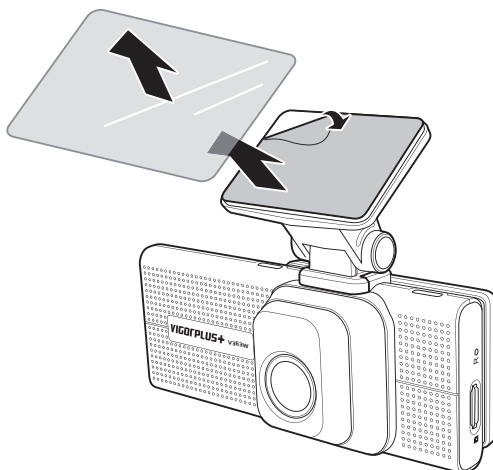
INSTALLING IN VEHICLES

To securely mount the camera on the windshield, do the following:

- 1 Attach the mounting bracket to the camera. Slide it into the mounting socket until you hear a click.



- 2 Wipe clean the chosen area of the windshield with a dry cloth. Then attach the window sticker onto the windshield.
- 3 Peel off the adhesive cover layer from the mounting bracket. Then place and press down the bracket firmly onto the attached window sticker.



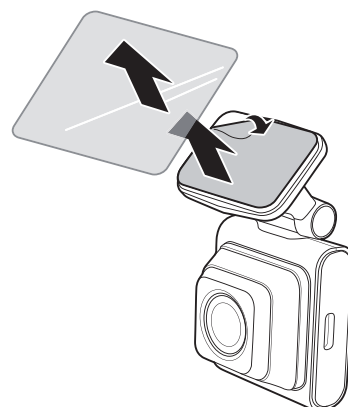
- 4 Adjust the camera position is necessary.
Ensure that the road ahead is at the centre of the image and clearly visible on the camera screen.

Installing the Rear Camera

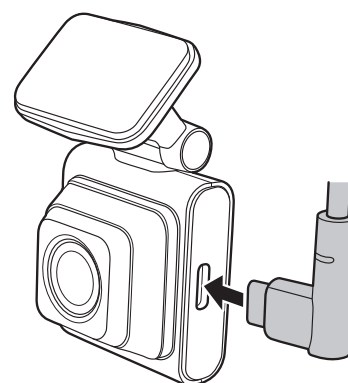
NOTE:

V363W dash cam can only work with V36R.

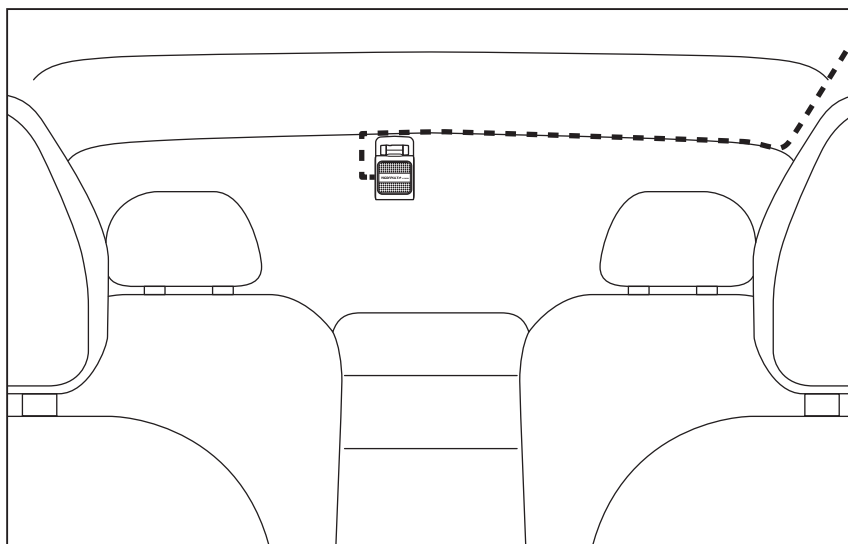
- 1 Wipe clean the chosen area of the rear window with a dry cloth. Then attach the window sticker onto the rear window.
- 2 Peel off the adhesive cover layer from the mounting bracket. Then place and press down the bracket firmly onto the attached window sticker.



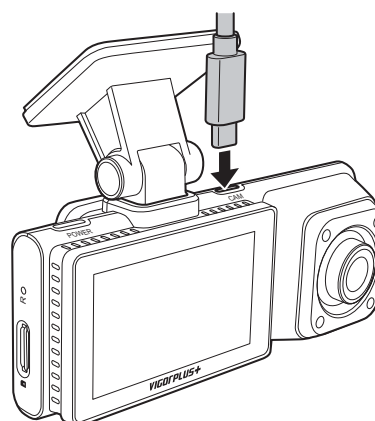
- 3 Connect one end of the USB cable to the USB port of the rear camera (V36R).



Make sure the remaining cable routing is properly secured in your vehicle.



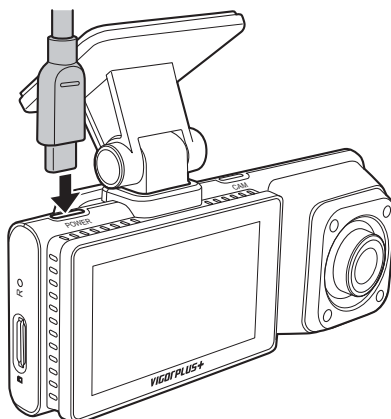
- 4 Connect the other end of the USB cable to the USB port of the camera.



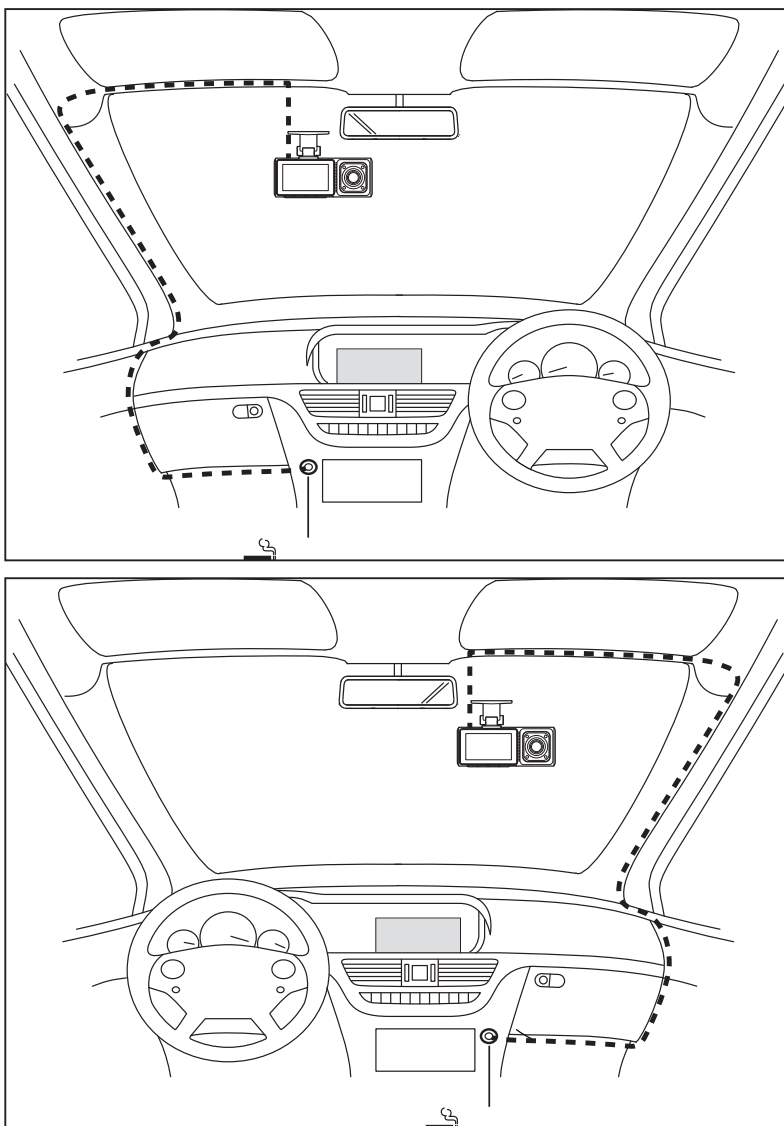
Connecting to Power

Use only the supplied VIGORPLUS car adapter to turn on the camera.

- 1 Connect one end of the car adapter to the USB port of the camera.



- 2 Route the car adapter around the windshield to the 12-24Vdc socket, ensuring that your view is not obstructed, and that the adapter is not a distraction. Then plug the other end of the car adapter to the 12-24Vdc outlet of your vehicle.



Once the vehicle engine is started, the camera automatically turns on and starts recording.

Powering On/Off the Camera Manually

To manually turn on/off the power, press and hold the  button for at least 3 seconds.

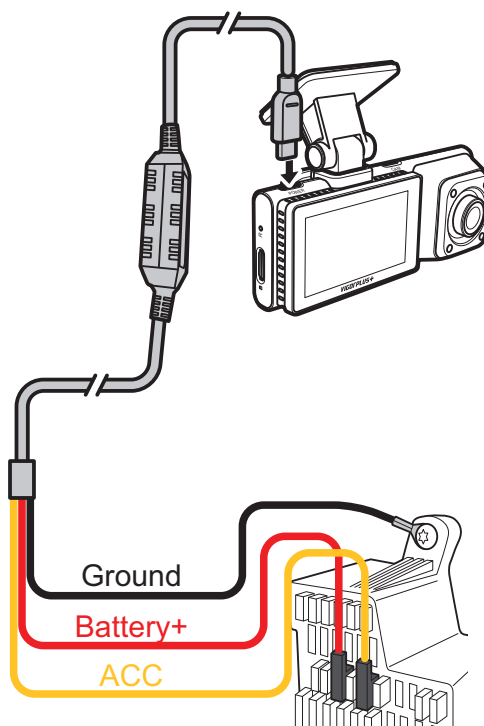
NOTE:

- Your Dash Cam is shipped with the *Screen Saver* function set to Default OFF. This is for ease of initial setup. Once setup is complete, the screen saver should be set to 15 seconds, in order to blank the screen completely whilst driving. This avoids any potential distraction and may be a legal requirement in some countries.
- It is recommended to position your Dash Cam on the passenger side of the car, behind the rear view mirror, as shown above. Whilst the camera needs to be located in a position within the wiper swept area, do not allow the camera to obstruct your vision of the road ahead. Recommended position is no more than 40mm within the wiper swept area. Do NOT mount the camera directly in front of the driver.
- Do not place the Dash Cam in such a way that it may interfere with the deployment of air bags or other safety equipment.
- Adjust any settings or review the recordings whilst stationary, not whilst driving.
- In vehicles where the 12V / 24V output remains on when the ignition is turned off. Please disconnect the camera when not in use.
- When using the camera for the first time, make sure to set the correct date and time settings.

Installing Smart Hardwire Kit

Warning! Do not connect the **red** and **yellow** wires into the same fuse slot.

- 1 Locate the fuse box of your vehicle.
The fuse box location varies depending on your vehicle type.
- 2 Connect the **red** wire to the positive electrode of the fuse adapter.
- 3 Connect the **black** wire to the metal (ground-negative electrode).
- 4 Connect the **yellow** wire to the ACC power supply.

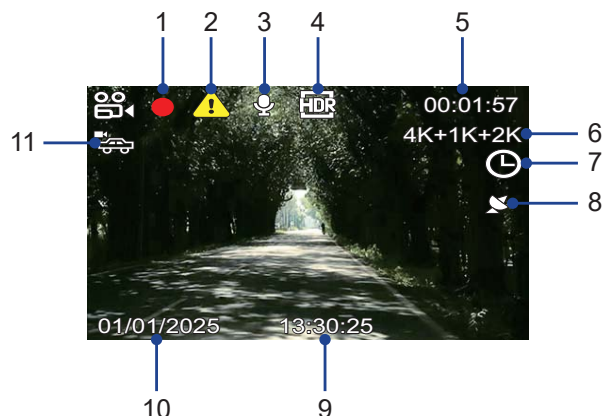


NOTE:

Please be noted the smart hardwire kit will stop working when car battery voltage is too low, it's to prevent over consuming of car battery.

VIDEO MODE

The key below explains the various information displayed on the screen when the camera is in Video mode. Some icons will only be displayed once the relevant function has been selected within the OSD menu, as described below.



1. Recording Status (Blinking Red Icon)

Indicate the video recording is in progress.

2. Emergency Recording

Press the  button to activate the Emergency recording.

3. Audio Recording ON

Long press the  button to mute the recording. It also can be switched OFF in the OSD menu. See page 19.

4. HDR ON

Can be switched OFF in the OSD menu. See page 18.

5. Recording Time

Display the length of current recording.

6. Resolution

Display the current video resolution.

7. Time-Lapse Recording ON

Can be switched OFF in the OSD menu. See page 19.

8. GPS Reception Status

Indicate the camera is receiving the GPS signal.

NOTE:

If no GPS signals are received after the camera is turned on, a "No GPS" message will appear on the screen.

9. Time

Display the current time. This setting can be adjusted in the OSD menu.

10. Date

Display the current date. This setting can be adjusted in the OSD menu.

11. Parking Mode ON (Normal Mode (🚗)) / Intelligent Mode (🚗👤)

Can be switched OFF in the OSD menu. See page 18.

NOTE:

This option will automatically disable when the time-lapse recording is activated.

NORMAL RECORDING

When the vehicle engine starts up, the camera automatically turns on and starts recording. Recording will automatically stop when the engine is switched off.

Taking Snapshots

During video recording, long press the  button to take snapshot of the current scene.

Camera Display

- Single channel:

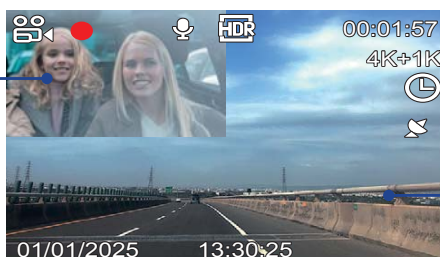
Press the  button to turn on/off the screen.

- Dual Channel (Front + Cabin camera):

Press the  button to toggle screen view:

- ✓ Front + Cabin camera overlaid

Cabin camera



Front camera

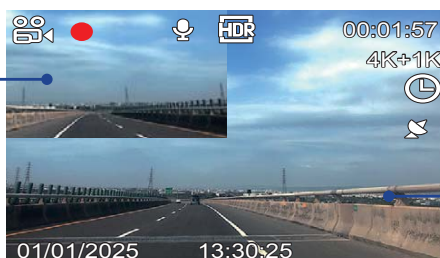
- ✓ Front camera only
- ✓ Cabin camera only
- ✓ Screen off

- Triple Channel (Front + Rear camera, **but** Cabin camera is off):

Press the  button to toggle screen view:

- ✓ Front + Rear camera overlaid

Rear camera



Front camera

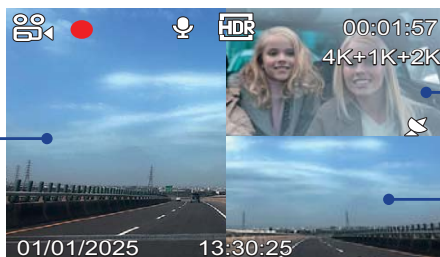
- ✓ Front camera only
- ✓ Rear camera only
- ✓ Screen off

- Triple Channel (Front + Cabin + Rear camera):

Press the  button to toggle screen view:

- ✓ Front + Cabin + Rear camera overlaid

Front camera



Cabin camera

Rear camera

- ✓ Front camera only
- ✓ Cabin camera only
- ✓ Rear camera only
- ✓ Screen off

EMERGENCY RECORDING (FILE PROTECTED)

Emergency recording will be activated under the following two situations.

1. G-Sensor event recording: During video recording, if the dash camera detects an impact, it will automatically activate the emergency recording mode.

- If the G-Sensor sensitivity is set to “Sensitivity: High”, even minor shocks will be detected.
- If the G-Sensor sensitivity is set to “Sensitivity: Low”, it will only detect the significant shocks.
- G-Sensor sensitivity can be adjusted in the OSD menu. See page 19.

2. Manual emergency recording:

- During video recording, press the  button to activate the emergency recording (File Protected) function manually.

NOTE:

An  icon will appear on the screen to indicate the *Emergency Recording* is in progress.

More information about File Protection/Emergency Recording:

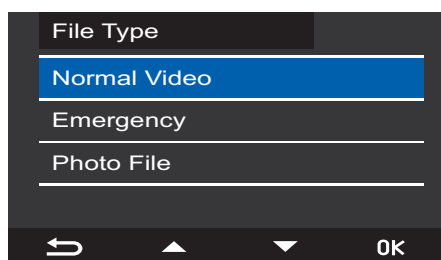
- If the file protection/emergency recording starts at the beginning 15 seconds of recording file, both current file and previous recording file will be protected.
- If the file protection/emergency recording starts at the final 15 seconds of recording file, both current file and next recording file will be protected.

AUTO REPAIR

If the microSD card is unexpectedly removed or power outage, the last recorded video may not be saving correctly and cannot be played on the computer. When re-insert microSD card back to the camera and it is turn on, the system will automatically repair the abnormal video file, so that it can be played normally.

PLAYBACK MODE

During video recording, press the  button to enter the Playback mode. Then press the  or  button to select the file category that you want to browse and press the  button.



PLAYING VIDEOS

Press the  or  button to browse the desired video file. Then press the  button to view the video in full screen.

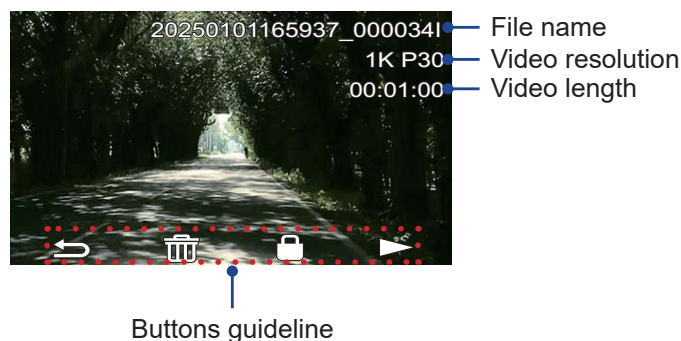


Normal Videos



Emergency Videos

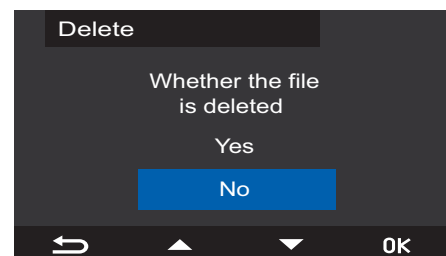
Preview Mode



- Press the  button to delete the selected file. A confirmation message appears on the screen. Then select **Yes** to confirm deletion.

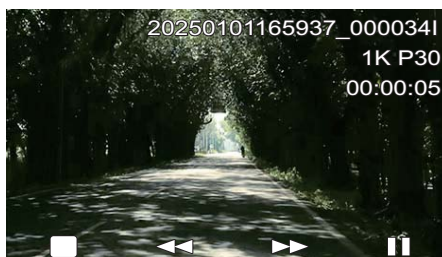
NOTE:

You cannot delete the protected files.



- Press the  button to protect the selected file. A lock icon () will appear on the screen to indicate that the file is protected. To unprotect the file, press the  button again.
- Press the  button to play the video.

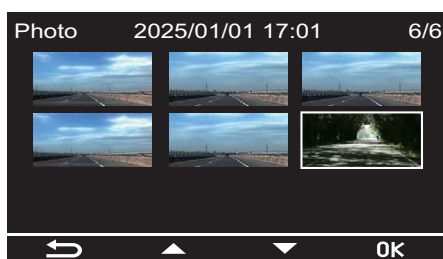
Playback Mode



- Press the button to rewind the video playback. Press the button again to toggle the playback speed.
- Press the button to fast forward the video playback. Press the button again to toggle the playback speed.
- Press the button to pause the video playback. To resume, press the button again.
- Press the button to stop the playback.

VIEWING PHOTOS

Press the or button to browse the desired photo file. Then press the button to view the photo in full screen.



Preview Mode

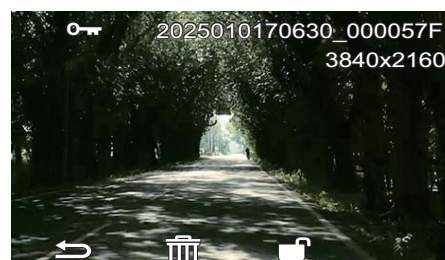


- Press the button to delete the selected file.
A confirmation message appears on the screen. Then select **Yes** to confirm deletion.

NOTE:

You cannot delete the protected files.

- Press the button to protect the selected file. A lock icon () will appear on the screen to indicate that the file is protected.
To unprotect the file, press the button again.



MENU AND SETTINGS

Press the  button to enter the OSD menu.



In general, use the  or  button to select an option and press the  button to confirm. To return to the previous page, press the  button.

MENU OPTIONS

Resolution

Select the recording resolution, this will increase or decrease the quality of the recorded videos.

Loop Recording

Select the recording time for the individual video files. Once the microSD card is full, the camera will automatically replace the oldest files with new files in a loop to allow continuous recording.

Rear Mirror Display

Turn on/off the display mirroring function when using the rear camera. When it is enabled, the image on the rear camera screen appears as if the object is flipped horizontally.

Exposure

Adjust the exposure level for different light conditions.

HDR

Turn on/off the HDR function. When it is enabled, it is easier to see the license plate clearly.

Interior Camera

Turn on/off the cabin camera.

IR Camera Color

Select the IR band setting for the cabin camera.

Wi-Fi Auto Start

Turn off or select the Wi-Fi frequency band setting.

Parking Mode

(Only available with optional hardwire kit connected)

Select the parking mode type.

- **Off:** Disable the *Parking Mode* function.
- **Normal Mode:** Perform the interval recording when in *Parking Mode*. When the camera is on and then the car is detected to be switched off (after ACC if power off), the system will automatically switch the recording mode from Normal recording mode to Time-Lapse recording mode.
Video files can be selected by different frame rate. Available option: Off, 1fps, 2fps, 5fps, or 10 fps.
- **Intelligent Mode:** Activate the **Intelligent Mode** when in *Parking Mode*. When the camera is on and then the car is detected to be switched off (after ACC if power off), the system will automatically trigger the emergency recording when the camera detects an impact or object movement.

NOTE:

If no event is detected after 1 minute, the camera will return to Standby mode.

Speed Unit

Select whether to record and display speed in mp/h or km/h.

G-sensor settings

Select the sensitivity level of the G-Sensor. The G-Sensor detects forces which will protect the current recording in the event of a collision. The higher the G-Sensor sensitivity, the less force will be needed to trigger automatic file protection in event of a collision.

Date Stamp

Turn on/off the date stamp shown on the recorded files.

GPS Info Stamp

Turn on/off the GPS co-ordinates and speed stamp shown on the recorded files. When a recording is viewed using the third party GPS players, both the GPS co-ordinates and speed information remain available.

Record Audio

Turn on/off the microphone for video recording.

Screen Saver

Turn on the Screen Saver function to turn off the screen after a chosen period of inactivity. Press any button to reactivate the screen. If the setting is set to **Off**, the LCD screen will always be on.

Date/Time

Adjust the date and time settings.

Time Zone

Select the time zone of your country.

Language

Select your preferred language.

Beep Sound

Turn on/off the beep that sounds when a button is pressed.

Frequency

Set the frequency setting according to the power supply specification used in your country or geographical region. Choosing the correct value will reduce flickering caused by incandescent/fluorescent lamps at night time. The LED traffic lights may still flicker as these use different frequencies.

Format

Format the inserted microSD card. This will delete all content.

Warning! This operation will delete all existing data on the microSD card, including locked files and normal looping recording files! Make sure you back up any important files first.

Formatting tips

Turn off or select the duration to remind user to format the microSD card.

Default Setting

Reset the camera to the factory default settings.

Time-Lapse Recording

Disable the time-lapse recording function or select the frame rate for time-lapse video.

Available frame rate option: 100 ms, 200 ms, 1 Second, 2 Seconds, 5 Seconds, 10 Seconds, 30 Seconds, or 1 Minute.

Firmware Version

Display the version number of the currently installed firmware.

UPDATING THE FIRMWARE

For V363W

- 1 Download the latest firmware from VIGORPLUS website (www.vigorplus.com.tw/en/), and prepare a microSD card.
- 2 Upzip the zipped file and store the firmware (FWV363W.bin) into the root directory of the memory card.
- 3 Turn off the camera and insert the memory card into its slot.
- 4 Turn on the camera. The firmware upgrade process will start automatically and may take a few minutes to complete. Once the process is complete, the camera will restart automatically.

NOTE:

During the upgrading process, the LED indicator will blink.

- 5 Press the  button and select **Format** to format the memory card.
- 6 Restart the camera by pressing the  button. See the "Powering On/Off the Camera Manually" section on page 12.

For V36R

- 1 Download the latest firmware from VIGORPLUS website (www.vigorplus.com.tw/en/), and prepare a microSD card.
- 2 Upzip the zipped file and store the firmware ("EthcamTxFW.bin" and "EthcamTxFW.update") into the root directory of the memory card.
- 3 Turn off the camera and insert the memory card into its slot.
- 4 Connect **V36R** to **V363W**. Then turn on the camera.

After both recording screens appear, press the  button to initiate the firmware upgrade process. The "Send FW to TX..." message will appear on the screen.

NOTE:

For more information on installing and connecting the rear view camera, see the "Installing the Rear Camera" section on page 10.

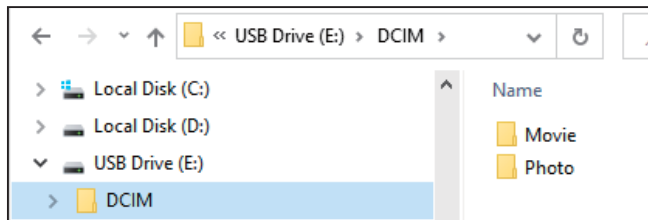
- 5 After about 1 minute, a "Tx Start Update FW..." message will appear on the screen, indicating the firmware update is in progress.
- 6 After the message disappears, the monitor will show both front/rear recording screens. This indicates the firmware had been updated. Please restart the camera.

PC CONNECTION

To view the recorded files on your computer, you can do either of the following:

- Remove the memory card from the camera. Then, insert the memory card to the computer memory card slot (if applicable). You can also use a card reader and plug it to the computer USB port.
- Connect the camera to a computer USB port by using the supplied USB cable.

Once connected, open a file browser and navigate to the microSD card.



The recorded files is automatically saved in two folders:

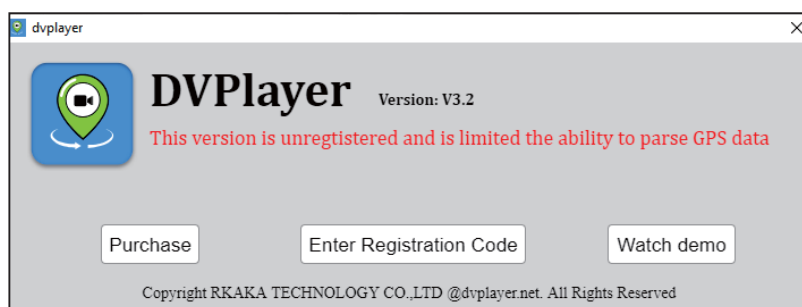
Movie: Normal loop recording video files. For the locked video files, you can find them in the **RO** subfolder.

Photo: Video snapshot files.

REVIEWING VIDEOS WITH GPS LOG

Software Installation and Registration

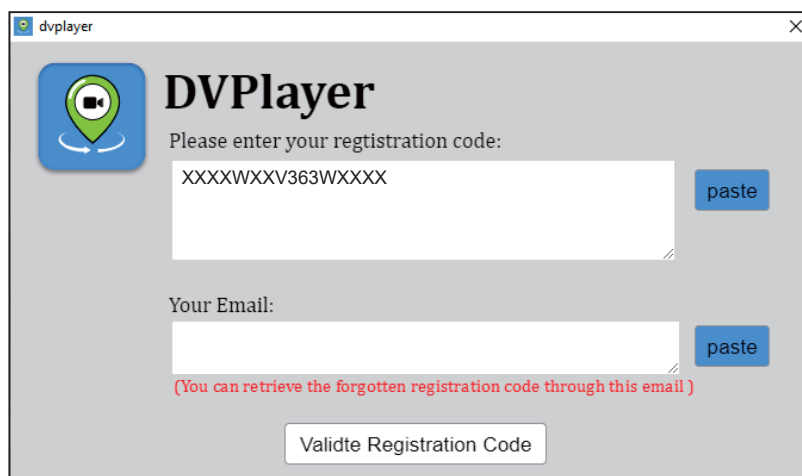
- 1 Download the third-party GPS Player software at www.dvplayer.net (available for Windows and Mac OS). Then follow the on-screen instructions to install to the software.
- 2 When launching the GPS Player software for the first time, you will be prompted to enter the registration code. Then click **Enter Registration Code** to continue.



NOTE:

You can obtain the registration code (the serial number) on the bottom of your device.

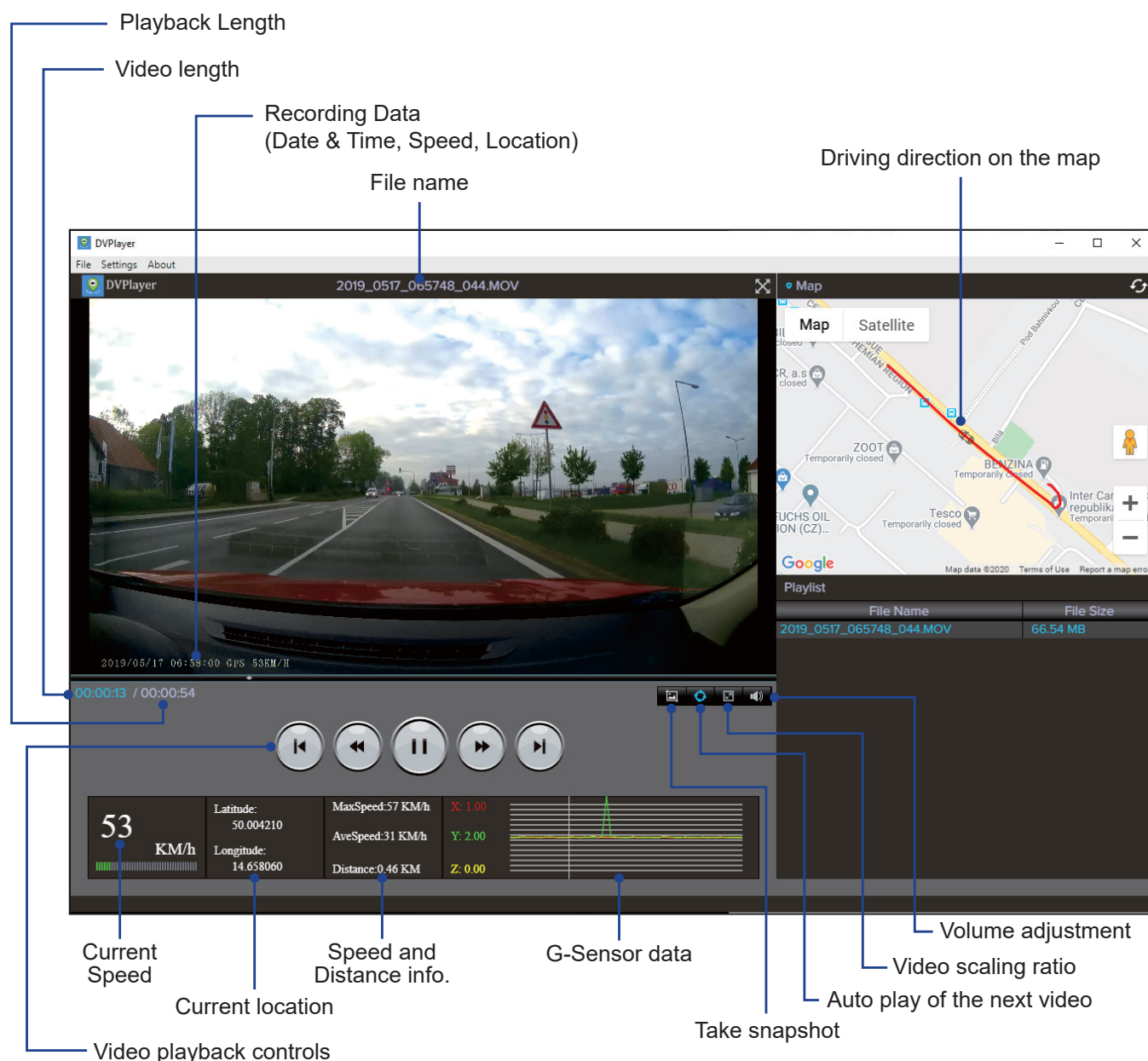
- 3 Enter the registration code and your email in the respective text boxes. Then click **Validate Registration Code**.



The software is now ready to use.

Video Playback and Viewing GPS Log

From the top panel, click **File > Open**. Then select the video that you want to view.



To configure the software playback settings, simply click **Settings** and perform the necessary changes.

