

Connected 3G Dual Channel Dash Camera with GPS & WI-FI



DSH-932

INSTALLATION GUIDE & USER MANUAL

*Installation is recommended by a professional







140° Field of View



Integrated Cabin Cam

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CAUTION

- Ensure you are using your Car Dash Cam within your countries' road laws. Please make sure you are familiar with your local road legislation before use.
- Avoid leaving your Car Dash Cam in direct sunlight for extended periods of time in an unventilated space.
- Please set time and date before you use this device to record.
- The notifications given by the Car Dash Cam are suggestions only, please drive to the actual conditions.
- The results of GPS positioning are only for reference. The Car Dash Cam will lose GPS positioning abilities when signal is blocked (e.g. driving through tunnels, enclosed car parks).
- GPS positioning accuracy may vary depending on weather and surroundings such as dense cities, tunnels, or forests. GPS satellite signals cannot pass through most solid materials. Tinted windows may also affect the GPS signal.
- The values displayed in this system, such as speed, position, and the distance warning, may be affected by the surrounding environment.
- The system is to be used only for non-commercial use, within the limits permitted by the relevant laws.
- Avoid using the Car Dash Cam in the vicinity of any devices that emit radio interference (e.g. Microwave Ovens).
- It is considered normal operation for the Car Dash Cam to get warm during use.

BATTERY WARNING

- Always power the Car Dash Cam using the provided cables. Using unsuitable cables to power the dash cam may damage the Dash Cam.
- Never dismantle the Car Dash Cam or expose the internal battery.
- · Do not dispose of the Car Dash Cam in fire.
- Dispose of the Car Dash Cam observing local regulations being mindful of the internal battery.
- Do not attempt to replace or expose the internal battery.

NOTES ON INSTALLATION

IMPORTANT: REFER TO YOUR VEHICLES OWNER'S MANUAL TO DETERMINE:

- · Location of the fuse box
- · How to access the fuse box
- · The type of fuse tap required

It is highly recommended that you read through the installation instructions in this user guide. If you are not comfortable with the process please seek further assistance from an authorised technician.

Since power to your dashcam will be running via a power cable from the fuse box you will need to determine your vehicle's fuse box location. Most vehicles have a fuse box underneath the dashboard on the driver's side which is easily accessible below the steering column (behind a removable panel). However, the location does vary between vehicle make and model

There are 4 types of fuse tap cables included with this Dash Camera. Check to see if these fuses suit your vehicle's fuse box. If none are suitable you will need to purchase the correct fuse to attach the hardwire kit to your vehicle's power source.

NOTE: You may need to consult your vehicle manufacturer for instructions on how to remove vehicle fittings (example A pillar cover) for routing the hardwire kit cables inside your vehicle and for where airbags are located so that these are not obstructed in case of deployment by routed cables.

Installation of **DSH-932** is recommended to be performed by a technician. Working with your vehicle's power system can be dangerous to both you and your vehicle if you do not know what you are doing. If you have any doubts please consult a professional. Dashmate recommends professional installation only of this dashcam hardwire kit.

- It is advised that the Car Dash Cam is installed near the rear view mirror, at the top centre of the windshield for optimal operation.
- Make sure that the lens is within the range of the windscreen wiper to ensure a clear view when it rains.
- Do not touch the lens with your fingers. Finger prints left on the lens will result in unclear videos or photos. If photos or videos are blurred, please clean the lens gently with a microfibre cloth.
- Do not install the device on a tinted window. Doing so may damage the tint film and restrict the Car Dash Cam's GPS signal.
- Make sure that the installation position does not hinder or block the field of view or GPS signal.
- Only use the included charging cable to power the Car Dash Cam.

DASH CAM INTRODUCTION

Thank you for purchasing a Dashmate Dash Cam. Please read through instructions before attempting to install or use this product.

For latest manual and product updates please visit. Our website at **www.dashmate.com.au** or **www.dashmate.co.nz**

FEATURES

1080P recording (Front Dash Camera)
 3G Connectivity

Remote surveillance via 3G
 Remote location tracking

Discreet cabin cam
 Parkmode with 3G reporting

GPS logging
 WiFi Connectivity

PACKAGE CONTENTS

1 x **DSH-932** Dash Cam 1 x Mounting Bracket

2 x 3M Adhesives 1 x Bolt

1x Starter Sim Card 1x Hard Wire Kit

2 x ATS (standard) fuse tap 2 x Mini fuse tap

2 x Micro 2 fuse tap 2 x Micro fuse tap

PRODUCT OVERVIEW



- 1. Mounting Bracket
- 2. Alarm Indicator
- 3. Front Facing Camera
- 4. Power Button
- 5. Video Snapshot Button

- 6. Photo Snapshot Button
- 7. Mute/Unmute Microphone
- 8. Infrared LED
- 9. Cabin Camera
- 10. Power Indicator

- 11. GPS Indicator
- 12. Cellular Indicator
- 13. Micro SD Card Slot
- 14. Reset Button
- 15. SIM Card slot

1.0 INSTALLING A SIM CARD

With the front of the camera facing away from you, insert the Sim Card with the gold plate on the SIM Card facing downward into the Sim Card slot on the left hand side of the **DSH-932**.

NOTE: A Starter SIM Card has been provided in the box with your **DSH-932**. This SIM Card needs to be registered and setup before use, please following the instructions included with the SIM Card

Please set up and register the SIM Card with the service provider before inserting the SIM into the camera.

You free at anytime to use your own SIM Card and connect to a provider of your choice. Network provider must be able to supply 3G coverage or 4G coverage with 3G fallback.

Do not force the SIM Card into the slot. If there is resistance you may have the incorrect orientation.

If you have any questions about setting up your **DSH-932** please do not hesitate to call our service team on 03 8331 4800 in Australia and 09 9281 4799 in New Zealand.

2.0 BUTTONS



The face buttons on the **DSH-932** are used for quick operation of the camera. Please see the functions below in order running left to right.

2.1 POWER

The power button is used to power on and off the **DSH-932** but is also used to mute and unmute the microphone.

To Power off/on the **DSH-932** hold the power button for five seconds.

To mute/unmute the microphone guickly press the power button.

2.2 VIDEO

The Video button is used to quickly capture a video with the front camera.

2.3 SNAPSHOT

The Snapshot button is used to guickly capture a snapshot with the front camera.

2.4 MUTE

The mute button is used to mute the DSH-932s built in speaker.

3.0 INSTALLATION GUIDE

The **DSH-932** is optimised for vehicles with an output of 12-24V. Please read through all installation instructions before beginning the installation process.

3.1 INSTALLING THE DSH-932 CAMERA

To attach the **DSH-932** Camera to your windscreen Please ensure that the windscreen is clean, dry and dust free.

Ensure that the Camera is installed in a position that does not obstruct the drivers view, and allows a clear view from both the front facing and cabin cameras.

It is recommended that the **DSH-932** is installed at the top centre of your windscreen and should be installed partially behind the rear view mirror.

Be mindful when installing the **DSH-932** that the rear view mirror does not obstruct the view of the internal facing cabin camera.

- 1. Position the mounting bracket on the windscreen side of the DSH-932 so the hole on the bracket aligns with the screw hole on the DSH-932. The flap on the mount can be facing either front or back, if you are installing this camera in a truck or van face the flap backward toward the cable to allow full movement of the tilt able front camera. If you are installing the camera in a sedan or vehicle with a more angled windscreen you can face the flap forward which will completely hide the mounting bracket.
- 2. Secure the mount plate to the DSH-932 using the included bolt.
- 3. Stick the 3M adhesive pad to the inset section of the mounting bracket. The adhesive sticker should not cover the bolt.

- Identify the desired installation position of the DSH-932 making sure that neither the front or cabin cameras will be obstructed.
- Ensure that the windscreen is clean, dry and free from dust and remove the protective sticker from the 3M sticker.
- Put the camera in your desired position and press it firmly against the windscreen for one minute to ensure that it is securely adhered.

Please continue to the Installing **the DSH-932 Hardwire Kit** instructions to power up the camera.

3.2 INSTALLING THE DSH-932 HARDWIRE KIT

To install the hardwire kit you will need to locate your vehicles fuse box. The location of the vehicle's fuse box varies from vehicle make and model. Locations may include underneath the driver's side dashboard, behind the glove box and underneath the central console. Where in doubt, always refer to your vehicle owner's manual to determine the location of the fuse box in your vehicle.

Once you have located your fuse box you will need to connect the hardwire kit to both a constant and ACC power source to give your **DSH-932** full functionality.

NOTE: The images in this installation were taken for a vehicle where the fuse box is located under the driver's side dashboard (Fig. 1 & 2) and should be used as a guide only for a DIY installation. To ensure proper installation Dashmate recommends DSH-932 be installed by a professional technician.





NOTE: Determine the location of your vehicle's fuse box before commencing the installation of the hardwire kit. Where in doubt, refer to the vehicle owner's manual.

3.3 ROUTING THE OUTPUT CABLE FROM THE DASHCAM TO THE FUSE BOX

NOTE: You may need to consult your vehicle manufacturer for instructions on how to remove vehicle fittings (example A pillar cover) for routing the hardwire kit cables inside your vehicle and for where airbags are located so that these are not obstructed in case of deployment by routed cables.

3.4 INSTALLING THE OUTPUT CABLES IN VEHICLE

- 1. Connect the end of the hardwire kit to the cable on the DSH-932.
- The hardwire kit output cable will then need to be recessed into the roof lining where it meets the edge of the windscreen to conceal the cable.
- 3. At the farthest end of the roof lining the output cable needs to then be routed along the A pillar that is closest to the fuse box of the vehicle. You will need to remove the door seal (Fig 3) and A pillar cover (Fig 4) to route the cable. Route the cable all the way down to the end of the A pillar where it meets the dashboard.
- 4. Attach the output cable to any existing cable(s) that may be housed in the A pillar (Fig 5 & 6).

NOTE:

The A pillar used to route the cable is not always the driver's side one as shown. Refer to the vehicle owner's manual to determine location of fuse box in your vehicle. The output cable needs to be routed in the A-pillar closest to the fuse box.



3.5 HOUSING THE OUTPUT CABLE

- Where the output cable from the A pillar meets the side of the dashboard, the output cable will then need to be routed towards the direction of the fuse box by concealing the cable along the side of the vehicle dash (Fig 7).
- Any excess output cable length can be wrapped and held together with a cable tie when it reaches the fuse box.
- 3. Tuck away any excess output cable behind the fuse box (Fig 8)
- 4. If required, peel off the control box label to attach the control box to the vehicle (near the fuse box) with the adhesive tape.



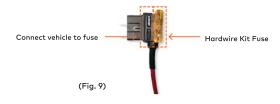


3.6 CONNECTING TO THE FUSE BOX

- NOTE: Refer to your vehicle's fuse layout panel to determine the permanent power fuse for constant and ACC power feeds. The hard wire cable has two connections, the red being constant power which powers the camera while your vehicle is parked, and the yellow connection which will power the camera while the vehicle is started. It is important that this is installed correctly. Incorrect installation may result in sub optimum operation or damage
 - Determine which fuse tap cables are required for connection to your fuse box.
 When in doubt refer to the vehicle owner's manual.
 - Open your vehicles fuse box and remove a fuse from one of the constant powered slots (Horn will normally be constantly powered) being sure to note where you have removed the fuse from.
 - 3. Take the fuse that you have removed for your vehicles fuse box and insert it into the open slot on the correct fuse tap cable. If it does not fit you may have the wrong fuse tap cable. Note the correct position location for both the vehicle fuse and the hardwire kit fuse in the fuse tap cable (Fig 9 - next page).
 - Insert the fuse tap cable into the empty slot in your vehicles fuse box that you have removed the fuse from.
 - 5. Remove one of the fuses from one of the ACC powered slots (Your vehicle should have a fuse labelled ACC which will only be powered when your vehicle is powered up) being sure to note where you have removed the fuse from.
 - 6. Take the fuse that you have removed for your vehicles fuse box and insert it into the open slot on the correct fuse tap cable. If it does not fit you may have the wrong fuse tap cable. Note the correct position location for both the vehicle fuse and the hardwire kit fuse in the fuse tap cable (Fig 9 - next page).

- 7. Take the Yellow wire from the hardwire kit and connect it to the fuse tap that is inserted into the constant powered fuse slot.
- **8.** Connect the red wire from the hardwire kit and connect it to the wiretap that is inserted into the ACC powered fuse slot.
- 9. Ground the black cable from the hardwire kit onto your vehicles chassis.
- 10. Tuck away any excess red input cable behind the fuse box.

NOTE: To determine constant and ACC power feeds fuse use a voltage meter.



4.0 SIM CARD SET UP

If you have any questions about setting up your **DSH-932** please do not hesitate to call our service team on 03 8331 4800 in Australia and 09 9281 4799 in New Zealand.

To connect your **DSH-932** while you are away from your vehicle you will need to have a Sim Card installed in the **DSH-932** with cellular data available.

The DSH-932includes a Starter Sim Card to get you started and set up.

The included Sim Card is prepaid; data can be purchased the service providers web portal.

To activate the included Sim Card please refer to the service providers website.

Once your Sim card is set up with the service provider the **DSH-932** takes a Mini Sim, sim type remove the Sim Card from the card ensuring to keep the Mini Sim frame intact.

With the front camera facing away from you insert the Sim Card slot marked Sim on the front slot on the left side of the **DSH-932** with the gold plate on the SIM Card facing downward.

NOTE: The choice is yours to either continue with the provided starter sims prepaid service or replace with a SIM Card from a service provider of your choice.

Remember, a SIM Card with sufficient credit or data is required for 3G connectivity and accessing features like Remote Tracking, Video Streaming and Video

Downloading between your $\ensuremath{\mathsf{DSH}\text{-}932}$ and smartphone.

Data costs are provided by your service provider, please be aware of these before streaming or downloading videos.

If you have any questions about setting up your **DSH-932** please do not hesitate to call our service team on 03 8331 4800 in Australia and 09 9281 4799 in New Zealand.

4.1 INSTALLING A MICRO SD CARD

Ensure that your **DSH-932** is powered off Insert your Micro SD card (not included) into the slot on the rear slot on the left side of the camera with the text face of the Micro SD card facing up. Use your fingernail to press the card into the slot until a click is heard.

- NOTE: 1. Do not insert or remove a Micro SD card while your **DSH-932** is powered up. This may damage your Micro SD card.
 - 2. Please use class 10 or higher rated Micro SD cards, 16GB or above (up to 32GB).
 - 3. Please format the Micro SD card before initial use (in FAT 32) format if you are using a computer to format your Micro SD card).

5.0 APP SET UP

Setting up the app will allow you to utilise the 3G connectivity of the camera giving you access to your camera and tracking your vehicle wherever you are, as well as reviewing your footage via direct WiFi connection. While setting up the DSH-932 App it is important that the DSH-932 is correctly installed and powered up. It is also important that the DSH-932 has a Micro SD Card installed (Up to 32GB class 10 recommended. SD Card not included) and an activated and active sim card with available data.

- Using your smartphone download the DSH-932 app from the Google Play store if you are using Android, or the App Store if you are using iOS.
- 2. Open the App
- 3. Tap the Sign Up button. (Fig 10)



- 4. Enter your email address and tap the Acquire Code button. Please be sure to have access to your email before you tap Acquire Code as you will have 60 seconds to retrieve the code and enter it into the field. (Fig 11)
- 5. Create your password and enter it into the field. Confirm your email in the field. (Fig 11)



The next screen will ask for your IMEI number or for you to scan the DSH-932's QR code.

This is located by the **DSH-932**'s internal cabin camera lens, underneath the user control buttons (Fig 12 & 13).





- 7. Once the IMEI number is registered and accepted, the next screen will ask for your licence plate number and a Device name. At this point it is important that the DSH-932 is properly installed and powered up, and your smartphone is connected to the internet as the next step will bind the DSH-932 to your smartphone.
- 8. Once the camera is bound the app will display your current location. If your location is not displayed select the ≡ menu button in the top left, tap 'Remote Video' and then tap the ② Stream icon in the top right corner of the Remote Video screen.

This will force the app to connect with the camera, when you return to the home screen, the **DSH-932'**s current location should be displayed on the map.

- NOTE: While setting up the DSH-932 App it is important that the DSH-932 is correctly installed and powered up.
 - · Streaming data and accessing your DSH-932 over cellular will use data
 - It is important that the DSH-932 has a Micro SD Card installed (Up to 32GB class 10 recommended. SD Card not included) and an activated and active sim card with available data.
 - GPS tracking data may not be available while your vehicle is in a covered built up environment (ea. dense city, tunnels, parking buildings).
 - Only one account can be used to connect to a single camera. If you want to connect multiple smartphones to a single camera you will have to log in to the same account on your smartphones.
 - If you have any questions about setting up your DSH-932 please do not hesitate
 to call our service team on 03 8331 4800 in Australia and 09 9281 4799 in New
 Zealand.

6.0 WIFI SET UP

The **DSH-932** can wirelessly connect directly to your smartphone via WiFi when you are within WiFi range of your camera (recommended within 10 metres). Please download the **DSH-932** App to your smartphone from either the Google Play store if you are using an Android device, or from the App Store if you are using an iOS device.

Using WiFi connection means that you are not using your cellular data for video playback and transferring videos to your smartphone.

To set up the WiFi connection, please follow the directions below.

- 1. Ensure that your **DSH-932** is properly installed and powered up.
- 2. Open the WiFi settings on your smartphone.
- Connect to the DSH-932's WiFi connection which will be named after it's IMEI number which is a 15 digit number printed on the DSH-932 by the front facing lens below the QR code.
- 4. The WiFi password will be the last eight digits of the IMEI number. For example, if your IMEI number is 000000123456789 your password will be 23456789.
- Your smartphone will now be connected to your DSH-932s WiFi connection, you will now be able to access the DSH-932 using the DSH-932 app.

NOTE: • While using the DSH-932 App it is important that the DSH-932 is correctly installed and powered up.

- It is important that the DSH-932 has a Micro SD Card installed (Up to 32GB class 10 recommended. SD Card not included).
- GPS tracking data may not be available while your vehicle is in a covered built up environment (eg. dense city, tunnels, parking buildings).
- Only one account can be used to connect to a single camera. If you want to connect multiple smartphones to a single camera you will have to log in to the same account on your smartphones.
- If you have any questions about setting up your DSH-932 please do not hesitate
 to call our service team on 03 8331 4800 in Australia and 09 9281 4799 in New
 Zealand.

7.0 APP FUNCTIONALITY

The App is used to adjust the **DSH-932** settings and access the cameras features.

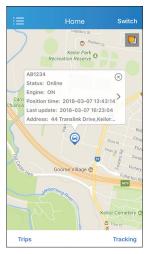
7.1 HOME SCREEN

The Home Screen shows you the last known position of your vehicle, The vehicle's status (On/Off) and last time connected. The home screen also gives you access to the menu ≔ button in the top left corner.

The Switch button in the top right is used to switch between cameras if you have multiple **DSH-932** cameras set up.

The Trips button is used to review recorded trips.

The Tracking button is used to live track the vehicle (Fig. 14).



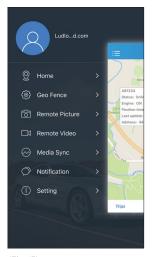
(Fig. 14)

7.2 MENU

The Menu screen is where you access the

DSH-932s Settings and function screens.

To access the Menu, press the :≡ menu button on the home screen (Fig. 15).



(Fig. 15)

7.3 GEO FENCE

The Geo Fence setting is used to set up an alarm that will notify you when your vehicle leaves your set boundary.

To set up a Geo Fence activate the Geo-Fence alert in the settings menu.

Go back to the menu and then open the Geo Fence page.

Use the on screen map to place your round geo fence boundary and the bar at the top to increase or decrease the size of the ring.

The maximum diameter of the geo fence is 5km (Fig. 16).



(Fig. 16)

7.4 MEDIA SYNC

The media sync setting is used to sync videos and snapshots between your **DSH-932** and your smartphone.

Please note that transferring video and images via cellular will be represented in your data usage with your service provider (Fig. 17).

7.5 NOTIFICATION

The notification screen gives you a list of your historical notifications (See page 30, Fig 18).

7.7 SETTINGS

The Settings page is used to activate and deactivate your chosen settings.

It is also used to clear the cameras cache (See page 30, Fig 19).



(Fig. 17)

CONTINUED





(Fig. 18) (Fig. 19)

8.0 ABOUT THIS GUIDE

The content in this document is for information purpose and is subject to change without prior notice. We made every effort to ensure that this User Guide is accurate and complete. However, no liability is assumed for any errors and omissions that may have occurred. The manufacturer reserves the right to change the technical specifications without prior notice. For latest manual and product updates please visit our website at www.dashmate.com.au or www.dashmate.com.zu

9.0 WARRANTY TERMS AND CONDITIONS

Our goods come with guarantees that cannot be excluded under the Australian & New Zealand Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

This warranty is provided in addition to your rights under the Australian & New Zealand Consumer Law. Directed Electronics warrants that this product is free from defects in material and workmanship for a period of 12 months from the date of purchase or for the period stated on the packaging. This warranty is only valid where you have used the product in accordance with any recommendations or instructions provided by Directed Electronics.

This warranty excludes defects resulting from alterations of the product, accident, misuse, abuse or neglect. In order to claim the warranty, you must return the product to the retailer from which it was purchased or if that retailer is part of a National network, a store within that chain, along with satisfactory proof of purchase.

The retailer will then return the goods to Directed Electronics. Directed Electronics will repair, replace or refurbish the product at its discretion. The retailer will contact you when the product is ready for collection. All costs involved in claiming this warranty, including the cost of the retailer sending the product to Directed Electronics, will be borne by you.

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NOTES		

TECHNOLOGY DRIVEN™



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