

# Street **GUARDIAN**

DIGITAL VIDEO RECORDER

## **SG9667DC2K**



## **QUICK START GUIDE**

## Product safety & precautions

Thank you for purchasing the Street Guardian SG9667DC2K Dual Channel Digital Video Recorder (DVR), please read and follow this quick start guide before installation and use.

**[Note] A more detailed user guide for this product is available for download from the support section of our website at**  
[\*\*https://streetguardian.info/support\*\*](https://streetguardian.info/support)

The camera is designed to operate at temperatures of between -20°C to +70°C, operating outside of these temperatures may produce unpredictable results and should be avoided.

Clean only with a soft dry cloth, being careful not to use excessive pressure when cleaning the lens, the use of liquids or cleaning fluids may damage the product and could void your warranty.

The DVR records video in QHD + FullHD at high bitrates, a large amount of data is generated for the video recording function. To prevent recording problems, it is recommended to only use good quality high speed Class 10 Micro SD cards with a minimum capacity of 32 GB, **High Endurance memory cards are recommended.**

**[Note] The DVR does not support hot plugging of the Micro SD memory card. Be sure to remove or replace the Micro SD memory card only while the recorder is powered off or the memory card and any recordings may be damaged.**

# Introduction

The Street Guardian SG9667DC2K Digital Video Recorder is pre-configured with logical default settings and is supplied ready to use once installed with a minimum of adjustment needed to personalise to your needs.

The default operation of the product means that it will power on and start recording shortly after starting the vehicle and will power down shortly after the vehicle is turned off, the recordings will be segmented into easy to navigate chapters and once the memory card is full will automatically delete the oldest recorded segment to make way for further recordings.

Operating in this 'first in, first out' manner means that the camera will cycle the recordings continuously and will always have the most recent recordings, for example a 128GB memory card will store around 6 hours of recordings before beginning to recycle.

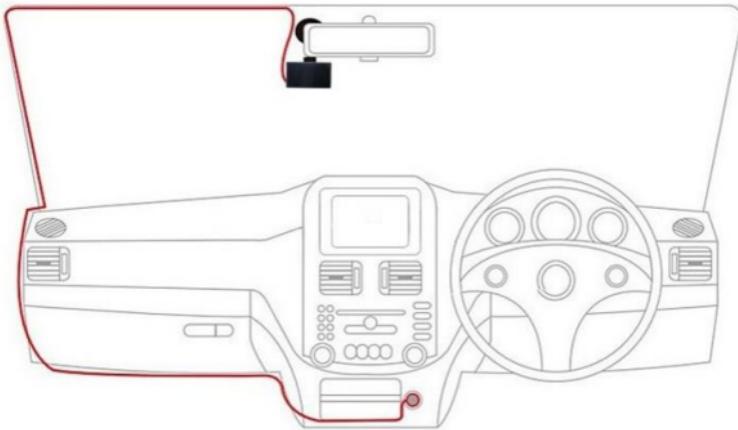
Emergency files created either by activation of the built in G-Sensor or by pressing the **ok/lock** key will not be overwritten when the camera recycles old recordings.

# Camera layout & Overview



## Installation

The DVR front camera unit should preferably be mounted behind, or to either side of the rear view mirror and within the sweep area of the windscreen wipers. Before mounting the DVR ensure that there is enough room for the cables and clean the glass prior to installation to ensure a good bond for the adhesive to the glass, it is always advisable to route any cables across the passenger side of the vehicle to avoid any chance of cables interfering with control of the vehicle or causing a distraction should a cable become loose.



*[Note] The rear camera is cabled to the front camera unit, ensure cable alignment and orientation is correct before attempting to connect any cables, if the vehicle is fitted with SRS airbags care must be taken not to inhibit the operation of these systems, professional installation is recommended*

1. Once a suitable mounting location is decided secure the DVR mount bracket to the windshield using the provided 3M adhesive tape, ensuring the window is clean prior to application, remove the backing tape and press and hold the bracket firmly against the glass for 2 minutes, then wait 20 minutes before attaching the camera. The adhesive will achieve 50% bond after 20 minutes, 100% bond is achieved after 72 hours, if the camera is attached to the bracket too soon after installation the adhesive may not bond correctly to the glass.

2. Fix the power, rear camera, and GPS cables properly using cable clips (if required) and route all cables across the passenger side, preventing the line of sight from being affected.
3. Insert the charging interface of the in vehicle charger into the USB interface of the DVR.
4. Connect the GPS and position the cables accordingly, the GPS should be mounted with the adhesive side to the windscreen so that the antenna is oriented correctly, for best performance do not locate the GPS too close to the main camera unit, **maintain at least 15cm separation between the camera and GPS antenna.**
5. Insert the in vehicle charger into the cigarette lighter socket of the vehicle, if using the optional SGDCHW hardwire kit consult the SGDCHW manual for further details
6. Adjust the angle of the DVR lens ensuring that the camera lens is aimed slightly down from the horizon (40% sky, 60% road), this will improve the results of the auto exposure function.
7. Ensure a suitable memory card is correctly installed and has been formatted in the camera before use.

*[Note] Video performance is adversely affected if the window is not kept clean, ammonia free automotive glass cleaners are recommended for the inside glass surfaces for optimum results.*

## Settings

The DVR is preset with logical default settings and is ready to operate, when powered on the internal capacitors will charge, the DVR will then power up and recording will commence, the time and date settings are automatically updated via GPS (if fitted) and will sync periodically to maintain accuracy, the time zone will need to be configured to your specific region to ensure correct operation.

*[Note] The DVR does not contain a battery and will need to be connected to a power source to configure settings.*

Adjust the time zone settings, press the **REC** key to stop any active recording, then press the **MENU** key to enter the **SETUP** submenu, press the **Mic/pg down** key to scroll down to the **TIME ZONE** menu, press the **OK/lock** key to enter and adjust accordingly.

*[Note] The GPS signal carries time and date information for GMT 0, the time offset to suit your region is set by the DVR, if you are in a region that supports daylight savings offset it will be necessary to adjust the time zone at the beginning and end of the period accordingly.*

## Australian Consumer Electronics Product Warranty

Congratulations on Your Purchase, this product is warranted

against faults in material and manufacture for a period of two years.

If Warranty is required during this period, please contact your place of purchase to arrange a Return Merchandise Authorisation, (RMA). The repairs/replacement will be carried out at no charge to the owner, subject to the conditions specified herein.

This warranty does not extend to defects or injuries caused by or resulting from causes not attributable to faulty parts or the manufacture of the product, including but not limited to, defect or injury caused by or resulting from misuse, abuse, neglect, lack of maintenance, accidental damage, improper voltage, liquid spillage, liquid ingress, software, or any alterations made to the product which are not explicitly authorised by Street Guardian

Please retain your sales documentation, as this should be produced to validate a warranty claim. This warranty is in addition to and in no way limits, varies or excludes any implied rights and remedies under any relevant legislation in the country of sale.

This warranty does not cover transportation to or from the Street Guardian Service Centre. Goods presented for repair may be replaced by goods of equal type rather than being repaired. The repair of your goods may result in the loss of user generated

data, please ensure that you have saved this data elsewhere prior to repair.

Australian customers: Our goods come with guarantees that cannot be excluded under Australian 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. The criteria of a major failure is defined in the Australian Consumer Law. Should you require any assistance with a major failure please contact Street Guardian

## **Conformity Declaration**

The SG9667DC2K complies with the requirements of EN55022:2010 + AC:2011, EN55024:2010 according to directive 2004/108/EC and the associated standards and technical specifications, and is therefore entitled to bear the CE symbol.

## **Technical Specifications**

<b>Processor</b>	<b>Novatek NT96670 + NT96671</b>
<b>Image Sensors</b>	<b>Sony IMX335 + IMX291</b>
<b>Lenses</b>	<b>7 Element glass lenses</b>
<b>Angle of View</b>	<b>127° horizontal</b>

<b>Resolution</b>	<b>QHD 2560 x 1440 + FHD 1920x1080</b>
<b>Frame Rate</b>	<b>30FPS</b>
<b>Video Format</b>	<b>MP4</b>
<b>LCD display</b>	<b>2.0 inch</b>
<b>Storage Temp</b>	<b>-40°C to 85°C</b>
<b>Operating Temp:</b>	<b>-20°C to 70°C</b>
<b>Optimal operating Temp:</b>	<b>-10°C to 60°C</b>
<b>Operating Humidity</b>	<b>15% to 65% (RH)</b>
<b>Memory Card*</b>	<b>32 GB to 512 GB</b>

*[Note] \*Memory cards must be formatted in the camera to ensure compatibility using the built-in formatting menu option, not all brands supported, consult your dealer for recommended memory cards.*

## **Further information**

All attempts are made to ensure that the information contained in this quick start guide is correct at time of publication.

*[Note] The full user guide for this product is available for download from the support section of our website at <https://streetguardian.info/support>*

The specifications and details within this guide are based on the Australian market version of the product and are subject to change.

The pictures used are for illustration purposes only.

Information about the latest specification, amendments, the availability of replacement parts and accessories, warranty information, detail of other sales region product specifications and their respective user manuals are available on our website.

### **FCC Caution.**

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.

**\*RF warning for Mobile device:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

[www.streetguardian.info](http://www.streetguardian.info)

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