

# Introducing the new range of Vehicle Journey Recorders



**SVC050**  
Vehicle Journey/Accident Recorder



**SVC100/SVC100GPS**  
Vehicle Journey Recorder with 3 Axis Shock Sensor & GPS Logging\*  
\*Only SVC100GPS unit features GPS Logging



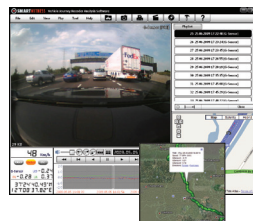
**SVC300GPS**  
3 Camera Vehicle Journey Recorder with 3 Axis Shock Sensor & GPS Logging  
Features Audio Recording, Alarm Inputs, Reversing Mode, Monitor Output & Remote Control



**SVR105/8**  
Reversing (Rear View) System with Night Vision & 5" or 8" LCD Monitor  
Features Automatic display of camera image on LCD monitor when vehicle is put into reverse gear



All Smart Witness systems are easy to use and can be installed into one or multiple vehicles within minutes



Supplied with Journey Analysis Software for sophisticated analysis of journey information



Available with a host of accessories including additional cameras, cabling and brackets

The ultimate on-board video recorder for cars, motor bikes, lorries and more...



## Vehicle Journey/Accident Recorder



Records high quality video using the built in camera.

A great new product for all types of vehicles!

Designed to provide a visual record of a vehicle journey, the unit features continuous loop recording to ensure that nothing is missed. The Smart Witness Vehicle Journey/Accident Recorder is designed for motorists and can provide vital evidence of who was involved or at fault in an accident, provides proof against incorrect driving convictions and can help to protect no claims bonus & save paying any excess charges.

The unit also features a video out connection for local monitoring on an optional monitor.



### Also includes...

Smart Witness Windows Software for configuring the unit to your particular requirements, allowing you to:

- ✔ Playback & Search video recordings
- ✔ Export & Print images

## PRODUCT IMAGES



Rear



Left Side



Front



Right Side

## SPECIFICATIONS

### CAMERA

Image Sensor	1/4" Digital Sensor
DSP	Optimised DSP
Picture Quality	640 x 480 pixels
Lens Angle	170° Lens

### RECORDER UNIT

Recording Speed	Up to 5 fps
Recording Modes	Continuous
Backup Memory	Micro SD Memory Card 2.0GB Card supplied Supports SDHC cards up to 32GB capacity
GPS	No
G-Sensor	N/A
LEDs	Record, Overwrite
PC Software	Windows XP/Vista/7 compatible supplied
Connections	USB, Monitor Out
Power Input	9V to 30V DC
Weather Resistant	No
Mounting	Front/Rear Windscreen, Dashboard, Rear Shelf

## CONTENTS

1x Vehicle Journey/ Accident Recorder	1x USB Card Reader
1x Mounting Bracket	1x DC Power Cable
1x 2.0GB Micro SD Memory Card	1x AV Output Cable

## ADDITIONAL ACCESSORIES

Please Note: Accessories are sold separately.



5" LCD Monitor



8" LCD Monitor

See back for Order Codes

## FEATURES

Designed for recording vehicle journeys and providing evidence in the event of an accident or incident.

The unit records from the built in CCTV Camera in high quality 640x480 resolution at 5 fps on to the built in Digital Video Recorder, there is no loss of image quality as the recordings are made digitally.

The camera will operate in light levels down to 1.0 lux, it will record good quality images during the day and at night the camera will make use of the vehicles headlights and street lights to provide a good quality image.

The camera is fitted with a high quality lens. The viewing angle is 170°, providing a very wide angle view.

The camera features a DSP (Digital Signal Processing) chip which is optimised for road use and offers the following functions to increase the image sensors performance:

#### Automatic Electronic Iris

This feature automatically adjusts the brightness of the camera image to match the amount of available light.

#### Automatic White Balance

This feature automatically adjusts the colour temperature of the camera image to match the type of light available, so that white and other colours appear as natural as possible.

The unit is very small and designed to be mounted in the front or rear windscreen of a vehicle or on the dashboard or rear shelf. When mounted on the front windscreen behind the rear view mirror it is almost hidden from view, ensuring that it does not look out of place in any vehicle.

The Recorder can be mounted so it captures the:



The unit features a Video output connection that can be used for local monitoring & playback using an optional monitor.

Continuous loop recording ensures that the unit is always recording.

Separate video clips are saved as AVI files which will play in standard media players or using the software provided.

The unit has auto back up feature so it will always finish saving an event even if the power is disconnected.

Supplied with a 2GB Micro SD Card it will operate with compatible cards up to 32GB, allowing a continuous recording time of around 36 hours, when the memory is full the unit will overwrite or alert the user.

The Micro SD card can be easily removed and will connect to a Windows PC via USB (using the USB SD Card Reader supplied).

The saved AVI video files on the Micro SD Memory Card can be opened and viewed using the Smart Witness Software provided.



Video can be played back in real time or frame by frame using the easy to use controls in the software interface.

Video images can be saved or printed for evidence, and will be Time and Date stamped.

The unit is supplied with a flexible mounting brackets so it can be easily moved from one vehicle to another.

Power is provided via the vehicle's cigarette lighter socket (4 metre lead supplied), operates on 9 to 30V DC

The unit is supplied with a 1 Year Warranty.

For further product information &  
video demonstrations visit  
[www.smartwitness.com](http://www.smartwitness.com)



For further information on this product please call:  
0844 947 3000

Protect your no claims bonus against false accusations and your licence against incorrect driving convictions with the Smart Witness Vehicle Journey Recorder.



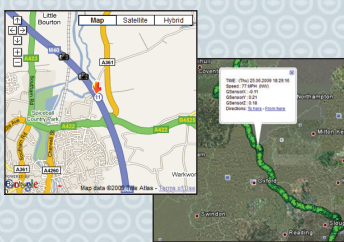
## Vehicle Journey Recorder with 3 Axis Shock Sensor and GPS Logging\*

A great new product for all types of vehicles!

Designed to provide a visual recording of an accident, other event or whole vehicle journey. The Smart Witness Vehicle Journey Recorder acts like a Black Box for motorists and provides vital evidence of what really happened in an accident, improves driver behaviour resulting in fewer accidents and convictions, provides proof against incorrect driving convictions and for the commercial sector allows Fleet Managers & Companies to monitor employee journeys and poor standards of driving.



Records high quality video images while you drive.



SVC100GPS unit includes GPS Logging

### Also includes...

Smart Witness Windows Analysis Software for configuring the unit to your particular requirements and for sophisticated analysis of journey information, allowing you to:

- ✔ See the journey data in a graphical format
- ✔ Monitor speed and GPS location data\*
- ✔ Playback & Search video recordings
- ✔ View journey on Google Maps & Earth\*
- ✔ Export video and journey information
- ✔ Generate Reports for incidents

\*Only SVC100GPS unit features GPS Logging



PRODUCT IMAGES



SPECIFICATIONS

CAMERA

Image Sensor 1/4" Digital Sensor  
 DSP Optimised DSP  
 Picture Quality 640 x 480 pixels  
 Lens Angle 170° Lens

RECORDER UNIT

Recording Speed Real Time (>25 fps)  
 Recording Modes Continuous, by Impact, by Emergency button.

Backup Memory SD Memory Card  
 2.0GB Card supplied  
 Supports SDHC cards up to 32GB capacity

GPS **SVC100GPS only**  
 G-Sensor Internal 3-Axis  
 LEDs Record, Overwrite  
 PC Software Windows XP/Vista/7 compatible supplied

Power Input 12V to 24V DC  
 Power Consumption 3.6W  
 Weather Resistant No  
 Mounting Front/Rear Windscreen, Dashboard, Rear Shelf.

Dimensions (LxØ) 80 x 50mm  
 Weight 100g

CONTENTS

- 1x Vehicle Journey Recorder
- 2x Mounting Brackets and Adhesive Pads
- 2x Sets of Cable Tidy Clips
- 1x DC Power Cable - 12 to 24V
- 1x 2.0GB SD Memory Card
- 1x USB SD Card Reader

See back for Accessories for the SVC100/SVC100GPS.

FEATURES

Designed for recording vehicle journeys and providing evidence in the event of an accident or incident.

The unit records from the built in CCTV Camera in high quality 640x480 resolution and in Real Time (>25 fps) on to the built in Digital Video Recorder, there is no loss of image quality as the recordings are made digitally.

The camera will operate in light levels down to 1.0 lux, it will record good quality images during the day and at night the camera will make use of the vehicles headlights and street lights to provide a good quality image.

The camera is fitted with a high quality lens. The viewing angle is 170°, providing a very wide angle view.

The camera features a DSP (Digital Signal Processing) chip which is optimised for road use and offers the following functions to increase the image sensors performance:

Automatic Electronic Iris

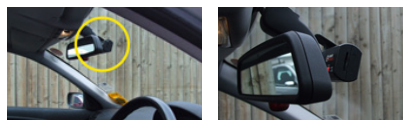
This feature automatically adjusts the brightness of the camera image to match the amount of available light.

Automatic White Balance

This feature automatically adjusts the colour temperature of the camera image to match the type of light available, so that white and other colours appear as natural as possible.

The unit is very small and designed to be mounted in the front or rear windscreen of a vehicle or on the dashboard or rear shelf. When mounted on the front windscreen behind the rear view mirror it is almost hidden from view, ensuring that it does not look out of place in any vehicle.

Mounted on Front windscreen, behind rear view mirror



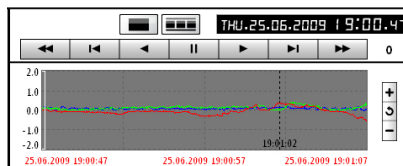
Mounted on dashboard



Mounted on rear windscreen



The built in 3 Axis G-Sensor is designed to both trigger recording in the event of an accident (the unit can be also be set to record continuously if required) and to provide data about the braking force, acceleration force and general quality of driving.



Acts like a black box for motorists allowing them to supply evidence in the event of a car accident or other event on the road.

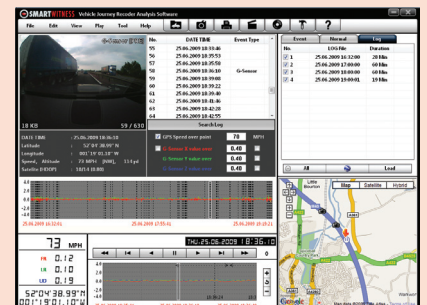
Records continuously or when the G-Sensor measures a pre-determined amount of G-force.

To ensure that no vital evidence is lost the unit features a buffer which records 15 seconds prior to the G-Sensor being triggered and 5 seconds after, the unit also has a 30 second battery back up so it will always finish recording an event even if the power is disconnected.

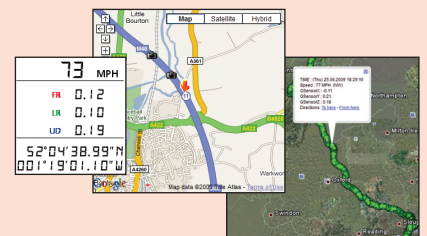
Supplied with a 2GB SD Card it will operate with compatible cards up to 32GB, allowing a continuous recording time of around 40 hours, when the memory is full the unit will overwrite or alert the user.

The SD card can be easily removed and will connect to a Windows PC via USB (using the USB SD Card Reader supplied).

The Smart Witness Analysis Software provided will playback recordings and shows the 3G force. Allows searching of the data by time/date, speed or amount of G-force.



The GPS data recorded by the unit will integrate seamlessly with Google Maps, the provided software shows the Recorded Image, Google Maps location and Vehicle Speed and G-forces, the GPS data can also be exported to Google Earth for viewing the whole of the journey with greater detail including Google Street View. (SVC100GPS version only)



The software is further enhanced with one touch reporting which will show report title, subject and snapshot image of the accident or incident. In addition, the SVC100GPS unit will also export a Google Map screenshot showing the GPS location of the vehicle at the time of the incident.



The software also allows easy exporting of required video footage as an AVI file which will play in standard media players.

The unit is supplied with 2 sets of mounting brackets so it can be easily moved from one vehicle to another.

Power is provided via the vehicle's cigarette lighter socket (4 metre lead supplied), operates on 12 to 24V DC

The unit is supplied with a 1 Year Warranty.

For further product information & video demonstrations visit [www.smartwitness.com](http://www.smartwitness.com)



For further information on this product please call: 0844 947 3000

Protect your vehicle inside and out with the Smart Witness 3 Camera Vehicle Journey Recorder - the ultimate device for integrated, full coverage recording.



## 3 Camera Vehicle Journey Recorder & Software

A great new product for all types of vehicles!

Designed to provide a visual recording from up to 3 cameras in the event of an accident, other event or whole vehicle journey. The Smart Witness 3 Camera Vehicle Journey Recorder is a fantastic device that can be fully integrated into any vehicle and set to respond to vehicle interaction like a door opening or even a meter starting in a taxi. It acts like a Black Box for motorists and provides vital evidence of what really happened during a journey or in an accident, improves driver behaviour resulting in fewer accidents and convictions, provides proof against incorrect driving convictions and for the commercial sector allows Fleet Managers & Companies to monitor employee journeys and poor standards of driving.



FRONT

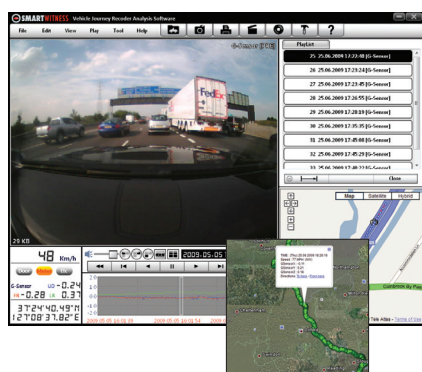


REAR



INSIDE

Records high quality video images while you drive -  
From up to 3 cameras



### Also includes...

Smart Witness 3 Camera Analysis Software for configuring the unit to your particular requirements and for sophisticated analysis of journey information, allowing you to:

- ✔ Watch 1 to 3 cameras in full or split screen
- ✔ See the journey data in a graphical format
- ✔ Playback & Search video recordings
- ✔ Export video and journey information
- ✔ Generate Reports for incidents
- ✔ Monitor speed and GPS location data
- ✔ View journey on Google Maps & Earth

## SPECIFICATIONS

Max. Recording Speed	50 fps
Resolution	720x576, 720x288
Compression	MPEG4 (Continuous) MJPEG (Event)
Recording Modes	Continuous, by Impact, by Emergency button.
Snapshot Record	Still Image & 5 sec Audio
Backup	SD Memory Card
Memory	4.0GB Card supplied Supports SDHC cards up to 32GB capacity
GPS	<b>Yes</b>
G-Sensor	Internal 3-Axis
Audio	Yes (optional Microphone required)
LEDs	Record, Overwrite
PC Software	Windows XP/Vista/7 compatible supplied
AV Output	2 Video Out, 1 Audio Out
Alarm Input	3
Power Input	12V to 24V DC
Power Consumption	500mA
Weather Resistant	No
Mounting	Inside Vehicle (optional Security Bracket available)
Dimensions (WxHxD)	99 x 21 x 83mm
Weight	100g

## CONTENTS

1x 3 Camera Vehicle Journey Recorder	
1x GPS Antenna Unit	2x Camera Input Cable
1x Remote Controller	1x AV Output Cable
1x USB SD Card Reader	1x 4.0GB SD Memory Card
1x DC Power Cable	1x Set of Cable Tidy Clips
1x Mounting Pad	

## ADDITIONAL ACCESSORIES

Please Note: Accessories are sold separately.



High Resolution Colour Camera including bracket for flush/surface mounting on a bumper or wing mirror. Various versions available.



High Resolution Vandal Resistant Colour Camera with IR Night Vision & Audio. Includes bracket.



5 & 8" LCD Monitors



Microphone



Security Bracket

See back for Order Codes

## FEATURES

Designed for recording vehicle journeys and providing evidence in the event of an accident or incident.

The unit records from up to 3 cameras in high resolution on to an SD card, there is no loss of image quality as the recordings are made digitally.

The Recorder unit itself is very small and can be mounted inside the vehicle (for example, in the glovebox or on the rear shelf). An optional Security Bracket is available for fixing the unit inside the vehicle.

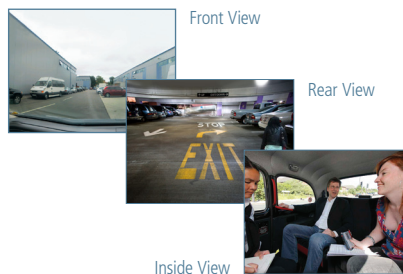
The unit can be used with a choice of cameras:

**High Resolution Colour Camera (various versions available)**  
This camera is fitted with a high quality lens for high resolution images. It is designed for use inside or outside any vehicle and is small and discreet enough to be mounted on the bumper or the wing mirror of a vehicle. (See back for model variations).

**High Resolution Vandal Resistant Colour Camera with IR Night Vision**

This camera is fitted with a high quality, wide angle lens and features Infra Red LEDs for excellent Night Vision. It is supplied with a bracket and can be used inside or outside any vehicle.

The cameras can be mounted so the Recorder captures the:

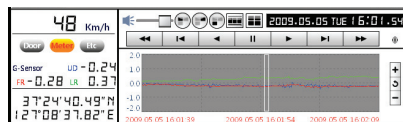


The unit features a Video output connection that can be used for local monitoring & playback using an optional monitor.

Also features 3 alarm inputs for triggered recording and/or viewing. The Recorder unit can be fully integrated inside any vehicle so that it automatically records or displays camera images (on the optional monitor). ie when a door is opened, when a taxi meter is started or when the vehicle is reversing. The alarm inputs can also be connected to the Left Signal, Right Signal and Brake signal, this information can then be seen when playing back recordings.

Can be used as a reversing kit if used together with a monitor inside the vehicle. The rear view camera will automatically display on the monitor when reverse gear is selected.

The built in 3 Axis G-Sensor is designed to both trigger recording in the event of an accident (the unit can also be set to record continuously if required) and to provide data about the braking force, acceleration force and general quality of driving.



Acts like a black box for motorists allowing them to supply evidence in the event of an accident or other event on the road.

Records from all 3 cameras continuously or when the G-Sensor measures a pre-determined amount of G-force.

To ensure that no vital evidence is lost the unit features a buffer which records 15 seconds prior to the G-Sensor being triggered and 5 seconds after, the unit also has a 30 second battery back up so it will always finish recording an event even if the power is disconnected.

The Snapshot feature allows you to take quick still pictures instantly during a journey using the Remote Control.

Supplied with a 4GB SD Card it will operate with compatible cards up to 32GB, allowing a continuous recording time of around 40 hours, when the memory is full the unit will overwrite or alert the user.

The SD card can be easily removed and will connect to a Windows PC via USB (using the USB SD Card Reader supplied).

The Smart Witness 3 Camera Analysis Software provided will playback recordings (in full screen or multi screen), shows the 3G force data and details of any of the alarm inputs being triggered. It also allows searching of the data by time/date, speed, alarm trigger or amount of G-force.



The GPS data recorded by the unit will integrate seamlessly with Google Maps, the provided software shows the Recorded Image, Google Maps location and Vehicle Speed and G-forces, the GPS data can also be exported to Google Earth for viewing the whole of the journey with greater detail including Google Street View.



The software is further enhanced with one touch reporting which will show report title, subject and snapshot image of the accident or incident. In addition, the unit will also export a Google Map screenshot showing the GPS location of the vehicle at the time of the incident.



The software also allows easy exporting of required video footage as an AVI file which will play in standard media players.

Power is provided via the vehicle's battery (wiring kit supplied), operates on 12 to 24V DC.

The unit is supplied with a 1 Year Warranty.

For further product information & video demonstrations visit  
[www.smartwitness.com](http://www.smartwitness.com)



For further information on this product please call:  
0844 947 3000



## Reversing (Rear View) System with Night Vision & 5" or 8" LCD Monitor

### FEATURES

A High Quality Reversing System comprising of a Vandal Resistant, wide angled camera for seeing during the day and night time, and a 5 or 8" LCD Monitor for viewing.

The camera is fitted with a high quality lens for high resolution images. It is designed for external mounting on a vehicle so that the area to the rear of the vehicle can be viewed.

The camera can also be used internally for viewing the inside of a vehicle.

The 5 and 8" high resolution monitors offer excellent image quality in a small, robust and compact cases designed for CCTV monitoring.



The camera will show up on the monitor automatically when the vehicle is put into reverse gear or it can be wired to stay on permanently.

The unit is supplied with a 1 Year Warranty.

### CONTENTS

1x High Resolution Camera    1x 5m Cable for connection  
1x 5 or 8" Monitor

### SPECIFICATIONS

#### CAMERA

Image Sensor    1/3" Digital Sensor  
DSP    Optimised DSP  
Night Vision    Yes, 10 metres  
Lens Angle    130° Lens  
Power Input    12V DC, 400mA  
Dimensions (WHD)    80 x 38 x 45mm

#### 5" MONITOR

Resolution    640 x 480  
AV Connections    2 Phono inputs  
Audio    Yes  
Remote Control    Yes  
Power Input    12V DC, 2000mA  
Dimensions (WHD)    150 x 120 x 28mm

#### 8" MONITOR

Resolution    800 x 600  
AV Connections    2 Phono, 1 VGA input  
Audio    Yes  
Remote Control    Yes  
Power Input    12V DC, 2000mA  
Dimensions (WHD)    205 x 173 x 29mm

See below for Order Codes

### PRODUCT ORDER CODES

	Vehicle Journey/Accident Recorder	<b>SVC050</b>		3 Camera Vehicle Journey Recorder with 3 Axis Shock Sensor & GPS Logging	<b>SVC300GPS</b>
	Accessory: 5" LCD Monitor	<b>X5LCD</b>		Accessory: Camera (60°)	<b>SVA010</b>
	Accessory: 8" LCD Monitor	<b>X8LCD</b>		Accessory: Camera (60° & Mirrored for rear view)	<b>SVA010-M</b>
	Vehicle Journey Recorder with 3 Axis Shock Sensor	<b>SVC100</b>		Accessory: Camera (130°)	<b>SVA011</b>
	Vehicle Journey Recorder with 3 Axis Shock Sensor & GPS Logging	<b>SVC100GPS</b>		Accessory: Camera (130° & Mirrored for rear view)	<b>SVA011-M</b>
	Accessory: Permanent Wiring Kit	<b>SVC100PPC</b>		Accessory: Vandal Resistant Camera with IR Night Vision & Audio	<b>SVA020</b>
	Accessory: Locking Cover	<b>SVC100SEC</b>		Accessory: 5" LCD Monitor	<b>X5LCD</b>
	Accessory: 8GB Memory Card	<b>SD-8.0GB</b>		Accessory: 8" LCD Monitor	<b>X8LCD</b>
	Accessory: 16GB Memory Card	<b>SD-16.0GB</b>		Accessory: Microphone	<b>SVC300MIC</b>
	Accessory: 32GB Memory Card	<b>SD-32.0GB</b>		Accessory: Security Bracket	<b>SVC300MB</b>
				Reversing System with Night Vision & 5" Monitor	<b>SVR105</b>
				Reversing System with Night Vision & 8" Monitor	<b>SVR108</b>

For further product information & video demonstrations visit  
[www.smartwitness.com](http://www.smartwitness.com)



For further information on our products please call:  
**0844 947 3000**