Introducing the new range of Vehicle Journey Recorders

SVCO50
Vehicle Journey/Accident Recorder

SVCO300GPS
3 Camera Vehicle Journey Recorder with 3 Axis Shock Sensor & GPS Logging
Features Audio Recording, Alarm Inputs, Reversing Mode, Monitor Output & Remote Control

SVCO100/SVC100GPS
Vehicle Journey Recorder with 3 Axis Shock Sensor & GPS Logging*
*Only SVC100GPS unit features GPS Logging

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

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

Vehicle Journey/Accident Recorder

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
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:

- 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.
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.

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
- 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*

*Only SVC100GPS unit features GPS Logging
PRODUCT IMAGES

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 2GB SD Memory Card
1x USB SD Card Reader

See back for Accessories for the SVC100/SVC100GPS.

For further product information &
video demonstrations visit
www.smartwitness.com

SPECIFICATIONS

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

RECORDE UNIT
Recording Speed Real Time (>25 fps)
Recording Modes Continuous, by Impact, by Emergency button.
Backup SD Memory Card
Memory 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

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.

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

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.

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.

To provide a clear and accurate picture the vehicle is supplied with an external LEDS kit.

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 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.

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

The unit is supplied with a 1 Year Warranty.

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.

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.

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

www.smartwitness.com
**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
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<tbody>
<tr>
<td>Max. Recording Speed</td>
<td>50 fps</td>
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<tr>
<td>Resolution</td>
<td>720x576, 720x288</td>
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<td>Compression</td>
<td>MPEG4 (Continuous)</td>
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<td>Recording Modes</td>
<td>Continuous, by Impact, by Emergency button.</td>
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<td>Snapshot Record</td>
<td>Still Image &amp; 5 sec Audio</td>
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<tr>
<td>Backup</td>
<td>SD Memory Card</td>
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<tr>
<td>Memory</td>
<td>4.0GB Card supplied</td>
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<tr>
<td>Supports SDHC cards</td>
<td>up to 32GB capacity</td>
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<tr>
<td>GPS</td>
<td>Yes (optional Microphone required)</td>
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<tr>
<td>G-Sensor</td>
<td>Internal 3-Axis</td>
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<tr>
<td>Audio</td>
<td>Yes (optional Microphone required)</td>
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<tr>
<td>LEDs</td>
<td>Record, Overwrite</td>
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<td>PC Software</td>
<td>Windows XP/Vista/7 compatible supplied</td>
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<td>AV Output</td>
<td>2 Video Out, 1 Audio Out</td>
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<td>Alarm Input</td>
<td>3</td>
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<tr>
<td>Power Input</td>
<td>12V to 24V DC</td>
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<td>Power Consumption</td>
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<td>Weather Resistant</td>
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<tr>
<td>Mounting</td>
<td>Inside Vehicle (optional Security Bracket available)</td>
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<tr>
<td>Dimensions (WxHxD)</td>
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<tr>
<td>Weight</td>
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</tbody>
</table>

**FEATURES**

The unit features Video output connection that can be used for local monitoring & playback using an optional monitor. Also features 3 alarm inputs for triggered recording and 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 playback 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 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 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.

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**CONTENTS**

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

**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

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For further product information & video demonstrations visit www.smartwitness.com
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 5 or 8” Monitor  
1x 5m Cable for connection

**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

**PRODUCT ORDER CODES**

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

For further product information & video demonstrations visit www.smartwitness.com

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