



## Full HD (1080P) Vehicle Accident Camera



# ASL1080-LCA

### Full HD (1080P) Vehicle Accident Camera with Integrated 3-axis G-Sensor and Integrated GPS Receiver, Permanent Wiring & Locking Case

The ASL1080-LCA is a 1080P Full HD vehicle accident camera with 3-Axis G-sensor and GPS receiver for accurate data on vehicle location, driving style and impact force of an incident. This evidence can protect a driver from many of the issues faced on the roads today:

- Cash for Crash/Pre-meditated staged accidents
- False/Exaggerated Whiplash Claims
- Conflicting Reports of Actual Events
- Driving Offence Allegations (Speed Cameras, Traffic Signal Violations etc...)



- High Quality Insurance Approved 170° (Pillar-to-Pillar) viewing angle
- Adjustable recording frame rate - 1~30fps
- Continuously records braking, acceleration & collision G-forces
- Built-in GPS receiver ensures the highest accuracy for vehicle location and speed
- Optional Audio Recording
- Flexible recording modes

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The ASL1080-LCA features a full HD (1080P), 170° lens to provide a comprehensive view of any incident. The unit will record exactly what happened before, during and after an incident. It does this by recording the following information;

- Drivers view of the road
- Vehicle Location
- Impact Force of an incident
- Driving Style (speed, acceleration, braking & steering)

The ASL1080-LCA is designed to look like a part of the vehicle with a small and unobtrusive frame, preventing any unwanted attention from passengers or passers by.

Designed for semi-professional installation, the ASL1080-LCA attaches to the inside of your windscreen using a similar high strength adhesive pad used for attaching rear view mirrors. The unit is hard wired to the vehicles battery and includes a locking transparent cover which prevents unauthorised access to the SD card or operation buttons.

The ASL1080-LCA also comes with free use of the SmartWitness Cloud Service. This service allows you to easily transfer data recorded by the unit to anyone, anywhere in the world, instantly.

#### Features

The ASL1080-LCA is the tamper resistant version of the ASL1080-LCA with permanent wiring and telematics integration.

Utilising high quality components and advanced software algorithms, it offers many unique features including:

#### Recording:

- High Quality Insurance Approved 170° (Pillar-to-Pillar) viewing angle
- Adjustable recording frame rate - 1~30fps
- 3 Megapixel CMOS sensor
- Flexible recording modes:
- Continuous - records all the time and bookmarks the recording whenever the Shock Sensor detects an incident/accident
- Parking - in addition to the above modes, the unit can be optionally set to record all the time when the vehicle is stationary for longer than 5 minutes or is parked up (the unit must be wired to a permanent power feed to record when vehicle is parked).
- Overwrite function for first-in-first-out loop recording in 10 minute sections

#### Playback & Analysis:

Includes the SmartWitness SVC1080-LCA Analysis software for Windows and Mac, allowing you to:

- Playback recordings
- Search recordings by time/date
- Search by vehicle speed
- Search by incident/accident
- Save JPEG snapshots
- Save AVI/MP4 file backups

#### Additional Features:

- Built-in GPS receiver, ensures the highest accuracy for vehicle location and speed
- Full Google Maps, Google Earth and Google Street View Integration
- Embedded 256 level Bosch G-sensor for accurate reporting of G-force levels present in an incident/accident.
- Records Driving Style by continuously monitoring the effect of speed, acceleration, braking and steering on the vehicle
- Built-in battery backup allows the unit to finish recording even if the power supply is interrupted during an incident/accident.

#### Physical:

- Manufactured using light weight polycarbonate, keeping the unit small and light
- Hard wiring prevents unauthorised unplugging of unit

#### Approvals:

- CE, FCC, EMC and Emark
- VOSA Compliant
- TfL and Local Authority\* Approved
- Data Protection Act Compliant, court admissible recordings
- Approved and recommended by leading insurers

#### Other Benefits:

- Designed in house by our experienced R&D team and manufactured in our own state-of-the-art facilities
- No on-going subscription fees or other charges
- Powerful platform with remote upgrade of firmware & features our own state of the art facilities

#### What's In The box

- ASL1080-LCA Vehicle Accident Camera
- Pack of Adhesive Cable Tidy Clips
- Mounting Bracket with Adhesive Pad
- Locking Case and Keys
- User Manual

\*Contact sales for latest list

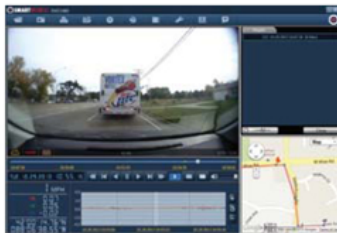


**Specification:**

Image Sensor	1/3" 3 Megapixel CMOS Sensor
DSP	Standard DSP
Angle of View	170°
Video Resolution	VGA (640x480), 720P (1280x720), 1080P (1440x1080) Full HD (1920x1080)
Recording Speed	Up to 30fps
Recording Modes	Normal (Continuous), Parking Mode
Recording Time	4GB (1,138 minutes) 32GB (167 Hours)
Backup	SD Memory Card
Memory	Supports Cards of up to 32GB (Class 10)
GPS	Internal GPS
G-Sensor	Internal 3-Axis G-Sensor
RTC	Internal Battery
Buzzer	Recording Start, SD Card Error
LED	2 LEDs (Record, Overwrite)
PC Software	Available from the Smart Witness Website
Power Input	DC 12V ~ 24V Permanent Wiring Camera
Power Consumption	3.6W
Dimensions (wxhxd)	88x50x50mm
Weight	0.10kg
Operating Temperature	-10° ~ 60°C

**ASL1080-LCA PC/Mac Viewer Software**

SmartWitness Analysis Software included with every unit.



## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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