

Eco / Safety Driver Training

Active Eco Driver Training Alerts
Eco Driver G-Charting Verification

American Bus Video

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25 Years Mobile Digital Sales & Service Experience

100% Solid State
D1 High Resolution
Driver Event Marker
Built in G-Sensor

SD4mX

Eco Driver / Safe Driver Training Series
Low Cost School Bus Surveillance

Active Eco Driver Alerts
Active Safety Driver Alerts
GPS Speed & Mapping
Dangerous Driver Charting



Choice of Cameras



Choice of Cameras



The SD4mX mobile vehicle DVR has no moving parts in the recording mechanism, making it 100% Solid State Digital. SD4mX DVR is incredibly small, can be mounted in very remote locations throughout the School Bus. The Driver Event Marker / DVR Status Indicator permits driver "marked" events to be quickly reviewed. This system offers unrivaled playback flexibility for Windows or Mac operating systems, as files are "AVI" format.

Leading Features Built Into SD4mX School Bus Driver Safety Series Event Recorder w/Driver Alerts

- 128 GB 100% Solid State Digital memory capacity, Mobile DVR for rugged reliable data memory storage
- 4-channel DVR can accept up to 4 cameras with 4 channels of audio (School Buses are noisy)
- Built in Accelerometer & G-Sensor Charting documents Dangerous Driving Behaviors
- Active Driver Safety Alerts when they exceed safe driving thresholds
- Mosaic "Blurring" software to protect children identities during playback
- GPS School Bus Speed & On Screen Mapping available on "SD4mXG" model
- GPS Time Synchronization & automatic Daylight Savings Time (DST) available on "SD4mXG" model
- USB 2.0 Port & Ethernet: 10/100M Base-T, RJ45 LAN port on face of DVR
- AVI Video Files viewable on 3rd Party Players; VLC, MPlayerX & Windows Media Player w/codec plug-in
- Selectable Motion Detection permits conservation of memory if no vehicle activity sensed
- Apple Mac OSX or Windows PC AVI video file playback on AVPlayer or 3rd party Legacy players w/codec plug-in
- Driver Event Marker Button with Pre & Post Event video capture (saves time when searching for incidents)
- Remote DVR Status Indicator so driver can verify function when DVR mounted in hidden location
- Play the recorded AVI files back using the unit connected to TV, or SD card in PC w/codec plug-in
- D1 high resolution & H.264 compression for images 4 times clearer than CIF technology
- Locking Integral Security case (included) provides security for video evidence
- 10-Year Extended Warranty available on this 100% Solid State DVR
- Loyalty Reward DVR Upgrade Eligibility, Future DVR Upgrade for less than 1/2 cost of new DVR

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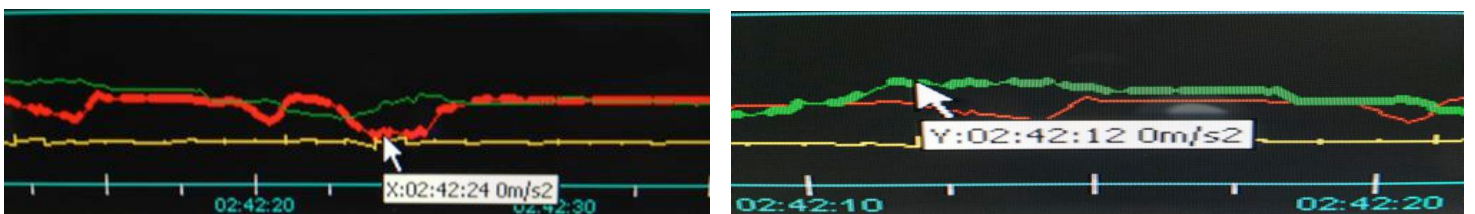
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SD4mX incorporates Built in 3-Axis Accelerometer & G-Force Sensor

The screenshot displays the SD4mX software interface. On the left, there are three video feeds: a front-facing view of the bus interior, a side view of the bus interior, and a rear-facing view of the bus interior. On the right, there is a table of video files with the following columns: Unit ID, Channel, Start Time, Stop Time, and Size. Below the table, there are search filters for Location, Date (Y-M-D), and Video Type. A search bar shows the date 2012-11-15 and time 18:38:08. Below the search bar, it says '24 files found!' and lists 'Video Files', 'DVR Log', and 'Map'. At the bottom, there is a graph showing acceleration data over time, with a play button and other controls.

Unit ID	Channel	Start Time	Stop Time	Size
1	1	14:29:50	14:34:00	4.8 M
1	1	14:34:00	14:39:00	5.0 M
1	1	14:39:00	14:41:33	3.0 M
1	1	14:46:39	14:47:21	0.8 M
1	1	14:48:15	14:49:20	1.3 M
1	1	14:50:31	14:51:25	1.0 M
2	2	14:29:51	14:34:00	4.9 M
2	2	14:34:00	14:39:00	5.0 M
2	2	14:39:00	14:41:34	3.0 M
2	2	14:46:39	14:47:21	0.8 M
2	2	14:48:16	14:49:21	1.3 M
2	2	14:50:31	14:51:25	1.1 M
3	3	14:29:51	14:34:00	4.9 M
3	3	14:34:00	14:39:00	5.0 M
3	3	14:39:00	14:41:35	3.0 M
3	3	14:46:39	14:47:21	0.8 M

The "SD4mX" provides sequential impartial documentation of potential dangerous driving behaviors that can adversely affect your fleet equipment investment or drivers safety and help provide a driver risk management safety tool that can be used to highlight and document Dangerous Driving Behaviors.



The SD4mX "3-Axis G-Sensor" Documents Dangerous Driving Behaviors:

- Hard Braking recorded, distracted drivers potentially violate Federal DOT Safe Driving Mandate, (Documented on inertia charting & audio alerts driver to enhance driver safety and remind driver not to follow closely)
- Dangerous Hi-Speed Turns increase driver safety risks, increase liability, and risk company assets, by greatly increasing the risk of accidents. (Documented & audio alerts driver to enhance driver safety and remind driver not to take turns too fast)
- Crash & Impacts recorded for review in case of liability lawsuit whether driver reports them or not. (Documented & audio alerts driver to enhance driver safety and remind driver when the vehicle impacts items)

Eco / Safety Driver Training

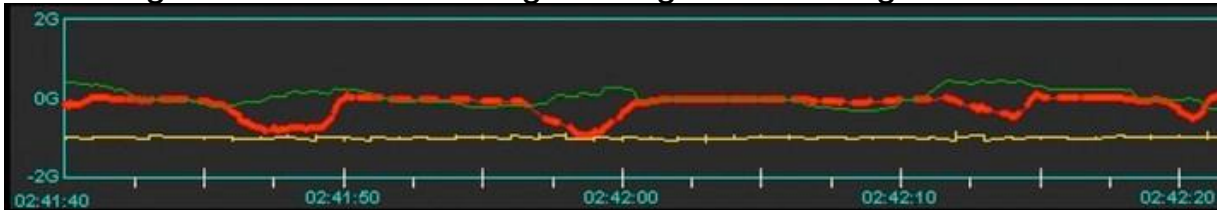
Active Eco Driver Training Alerts Eco Driver G-Charting Verification

Active Eco Driver / Safe Driver Training Devices can help address those elements of human nature potentially detrimental to Eco-Driver & Safe Driver behavior that might undermine effective fuel conservation and eco-driver training. Frequent adversarial emotions within the dynamics of the employee versus employer relationship call for integration of vehicle data collection hardware and driver management software to enhance Eco-Driver training to prevent a failure in Eco-Drive program that could lead to loss of interest in similar programs from future eco-minded enthusiasts.

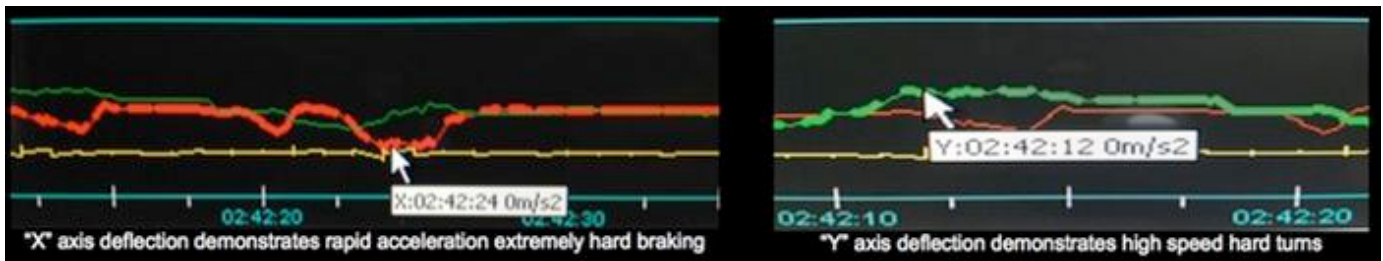


Positive documented video alarm violation like Eco X axis G-Sensor & Over speed can document driver performance, or lack of.

What Dangerous Non-Eco Driving & Dangerous Driving Behaviors Look Like



Wide chart deflections can indicate dangerous driving behaviors that may indicate a need for additional fleet driver risk oversight by supervisors or in some cases management intervention in order to prevent those recorded and identified dangerous driving behaviors from creating a potential threat to life and limb, risk of capital investment in assets or liability lawsuits. Distracted fleet drivers often display hard braking as they are often not paying attention to the vehicle in front of them until they are about to hit it, hence the cause for the hard braking. Fleet driver risk management is enhanced when clear indications of dangerous driving behaviors can be identified prior to the accident scene reconstruction when it is too late.



Fleet Driver Risk Management as well as Driver Safety Training of specialty vehicles like buses, trucks, concrete transports, fuel trucks addresses the fact many not them are top heavy, lateral inertia of even .6G can be dangerous, and incidents of this may be cause for concern and immediate attention to prevent loss of control, or possible rollover beyond the .6G threshold. Safe Driver Training Systems like the SD4mX can alert the drivers of their potentially dangerous vehicle operations w/o any need for supervisor or management review of discussion. Active alerts when they exceed safety thresholds of vehicle operation can immediately let a distracted driver know they are not in control of their vehicle before any review is performed on any documented events.

Quad Cam View, Dual Cam View & Single Camera Full Screen View, with & w/o Mapping available

The image displays four screenshots of the AVPlayer software interface, arranged in a 2x2 grid. Each screenshot shows a different camera view from a school bus, along with a map and a speed graph.

- Top Left:** Front view of the road. Speed: 18.2MPH. Coordinates: A +34.239170 -84.195618. Speed: 23.1KPH.
- Top Right:** Driver view from the passenger side. Speed: 53.9MPH. Coordinates: A +34.238487 -84.198402. Speed: 51.3KPH.
- Bottom Left:** Side view of a red school bus. Speed: 4.5MPH. Coordinates: A +34.236083 -84.193542. Speed: 4.5KPH.
- Bottom Right:** Quad view showing front, driver, and side views. Speed: 9.9KPH. Coordinates: A +34.236547 -84.193442.

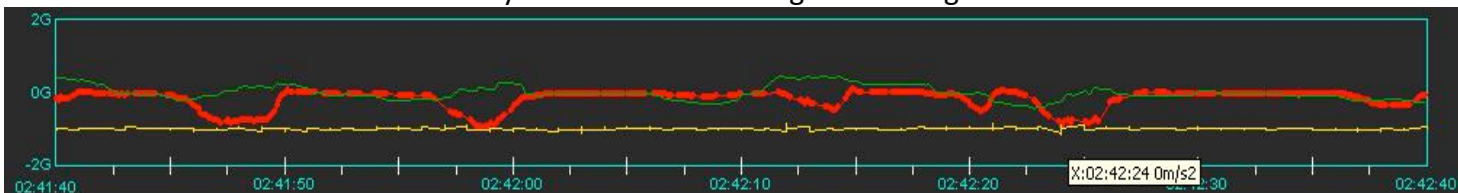
Each screenshot includes a map, a speed graph, and playback controls at the bottom.



Stop Dangerous School Bus Driving Behavior



Without Monthly Cellular Service Charges & Managed Solution Fees



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DriverSafetyCameras.com

FleetDriverRiskManagement.com

25 Years of Fleet Driver Safety System Sales & Service Experience

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