



Exterior Side & Rear View Cameras

IP67 rated with 360 degree camera rotation for Side View or horizontal applications

American Bus Video

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25 years Mobile Digital Sales & Service Experience

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

SD4D & SD4DW

Low Cost School Bus Surveillance

GPS Speed & Mapping
Dangerous Driver Charting
10-Year Warranty Available



Choice of Cameras



SD4D - Basic Series

SD4W - GPS & Wi-Fi download



Choice of Cameras



The SD4D & SD4W DVRs have no moving parts in the recording mechanism, making them 100% Solid State Digital.

SD4D DVR is the basic budget version for those wishing Video & Audio w/o bells and whistles.

The SD4W is for those who wish GPS vehicle speed, On Screen Mapping, Wi-Fi Wireless Data Download.

The Driver remote LED DVR Status Indicator permits driver to verify condition of system in case of problem.

Leading Features Built Into SD4D & SD4W School Bus Driver Safety Series Event Recorder

- 128 GB 100% Solid State Digital memory capacity, Twin SD bay, 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 "SD4W" model
- GPS Time Synchronization & automatic Daylight Savings Time (DST) available on "SD4W" model
- USB 2.0 Port & Ethernet: 10/100M Base-T, RJ45 LAN port on "SD4W" model
- Enhanced File Security, Unauthorized users cannot play files on their PC w/o Dedicated Video Player software
- Remote DVR Status Indicator so driver can verify function when DVR mounted in hidden location (optional)
- D1 high resolution & H.264 compression for images 4 times clearer than CIF technology
- 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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FleetDriverRiskManagement.com

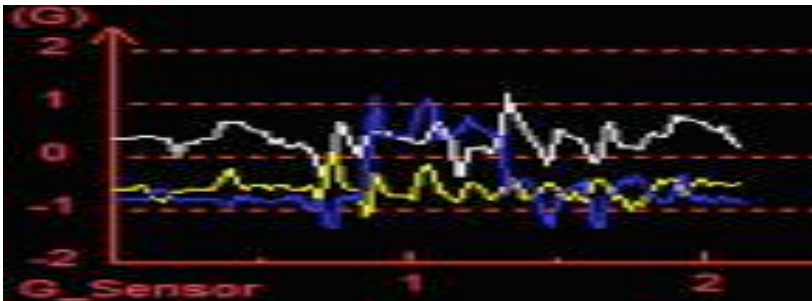
25 Years of Fleet Driver Safety System Sales & Service Experience

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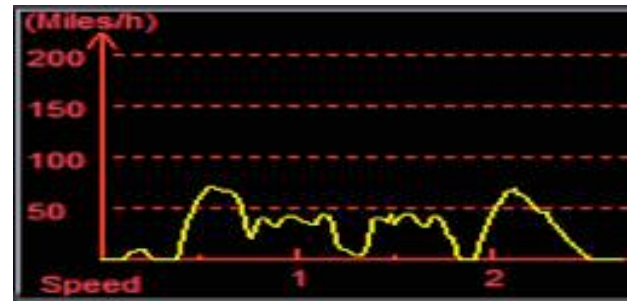
SD4D incorporates Built in 3-Axis Accelerometer & G-Force Sensor



The "SD4D" 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. Active Driver Safety Alerts can help drivers learn what not to do.



Dangerous Driving Behaviors Charting



Speed Charting for Speeders



Stop Dangerous Driving Behavior



Without Monthly Cellular Service Charges & Managed Solution Fees

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DriverSafetyCameras.com

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SD4D & SD4W DVR Specifications

| Items | Device parameters | Performance index |
|------------------------------|---------------------------|---|
| Name | Product Name | SD4D or SD4W |
| System | Operation System | Linux |
| | File System | Proprietary Format |
| | System Privileges | User Password |
| Video | Video Input | 4ch Independent Input: 1.0Vp-p□75Ω. Color Cameras |
| | Video Output | 1 Channel NTSC Output, 1.0Vp-p, 75Ω, Composite Video Signal |
| | Video Display | 1 Or 4 Screen Display |
| | Video Standard | NTSC: 30frames/Sec |
| | System Resources | NTSC: 120 Frames |
| Audio | Audio Input | Four Channels Independent Input 600Ω |
| | Audio Output | 1 Channel (4 Channels Can Be Convert Freely) |
| | Basic Output Level | 1.0—2.2V |
| | Distortion Plus Noise | ≤-30dB |
| | Recording Mode | Sound And Image Synchronization |
| | Audio Compression | ADPCM |
| Digital Processing & Storage | Image Compression | H.264 Fixed Code Stream |
| | Image Format | NTSC: 4@D1 (704*480) |
| | Video Stream | CIF: 24K-112KByte/s; HD1 & D1: 24K-192KByte/s; |
| | Video Storage Consumption | CIF: 85M-394MByte / hour / channel HD1 & D1: 85M-675MByte / hour / channel |
| | Playback Resolution | NTSC: 4@D1 (704*480) |
| | Audio Bitrate | 4KByte / s / channel |
| | Audio Storage Consumption | 14MByte / hour / channel |
| | SD Storage | Double 64GB SD card storage, Support 128GB |
| Alarm | Image Quality | Eight Grades to Choose |
| | Alarm in | 4 Channels Input. High Voltage Trigger |
| USB Interface | Alarm out | 1 Channels output |
| | Host Access | Option For USB Disk Backup |
| Network Interface | Wire line Access | Option RJ45 Ethernet Port |
| | Wi-Fi | Option Wi-Fi Module Outside (SD4W) |
| | 3G | Option WCDMA or CDMA2000 Module Inside |
| GPS Interface | GPS | Option to Expand GPS Module Inside |
| Extend Interface | RS232 | Option to connect with other vehicle equipment |
| | RS485 | Option to connect with PTZ Camera |
| | Intercom | Option to Expand Intercom Module Inside |
| | G-Sensor | Option to Expand G-Sensor Module Inside |
| | Canbus | Option to Expand Canbus Module Inside |
| Others | Power Consumption | DC8-36V 5% 80mA without HDD |
| | Working Temperature | -20°C ~ +85°C |
| | Clock | Built-In Clock, Calendar |
| Dimension | Product Size | 154(L) x 190(W) x 52(H) mm |
| | Product Weight | 0.9KG |

All DVR specifications, features, GUI, hardware subject to frequent change by the manufacturer without notice. ABV provides no CMS server installation support, no CMS server setup support, no training or technical support in the use or operations of any customer Wi-Fi network, or CMS software program provided. Those who wish to use Wi-Fi network features must provide their own in house MCSA trained staff to setup the network, program the DVRs and maintain the system integrity for proper function. Memory storage affected by FPS, resolution & number of cameras.
 Important Note; Enhanced Video File Security, Unauthorized users cannot see and or play files on their PC w/o Dedicated Video Player software. Most PCs will not recognize SD card file format unless the dedicated video file Player Program is running on the PC.

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