



Exterior Side & Rear View Cameras

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

American Bus Video

2545 Valley Ridge Drive

Cumming, GA 30040

(770) 263-8118 (770) 887-5944 Fax

<http://www.AmericanBusVideo.com>

sales@AmericanBusVideo.com

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

American Bus Video Inc. (770) 263-8118

AmericanBusVideo.com

FleetDriverRiskManagement.com

25 Years of Fleet Driver Safety System Sales & Service Experience

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SD4DW Built in Wi-Fi, GPS & G-Sensor, & SD4C Built in 3G Live View

Video Playback Analyzing Software V2.15

Name: admin
2014-11-19 13:47:11

Mobile DVR
GPS

165_110617_0070MB_P
166_113646_0239MB_P
167_115500_0005MB
168_115512_0199MB_S
169_115934_0022MB_S
170_120001_0049MB_S
171_120102_0101MB_S
172_120313_0051MB_S
173_120428_0053MB_S
174_120541_0023MB_S
175_120614_0126MB_S
176_120906_0051MB_S
177_121013_0034MB_S
178_121058_0042MB_S
179_121153_0193MB_S
180_121626_0024MB_S
181_121701_0031MB_S
182_121746_0019MB_S
183_121814_0021MB_S
184_121841_0028MB_S
185_121920_0041MB_S
186_122018_0034MB_S
187_122104_0230MB_S
188_122619_0018MB_S
189_122645_0012MB_S
190_122702_0064MB_S
191_122828_0063MB_S
192_122939_0085MB_S
193_123114_0099MB_S
194_123309_0132MB_S
195_123558_0113MB_S
196_123833_0036MB_S
197_123923_0028MB_S
198_124000_0052MB_S
199_124111_0039MB_S
200_124211_0044MB_P

1 ID-SERVICE1 Speed: 0Miles/h Size:704*480 Frame:30
2014-11-19 12:30:44

2 ID-SERVICE1 Speed: 0Miles/h Size:704*480 Frame:30
2014-11-19 12:30:44

3 ID-SERVICE1 Speed: 0Miles/h Size:704*480 Frame:30
2014-11-19 12:30:44

4 ID-SERVICE1 Speed: 0Miles/h Size:704*480 Frame:30
2014-11-19 12:30:44

CH1 SERVICE1 000km/h
CH2 SERVICE1 000km/h
CH3 SERVICE1 000km/h
CH4 SERVICE1 000km/h

other MSK

SD4D Incorporates Google Mapping during playback & Route

Video Playback Analyzing Software V2.15

Name: admin
2014-11-19 13:26:38

Mobile DVR
GPS

Mobile DVR
+ 2014-11-14
+ 2014-11-15
+ 2014-11-16(New)
85_084327_0095MB
86_084821_0038MB_S
87_084706_0079MB_S
88_084848_0160MB_S
89_085241_0315MB_S
90_085750_0078MB_S
91_085919_0053MB_S
92_085954_0043MB_S
93_090102_0030MB_S
94_090147_0059MB_S
95_090411_0049MB_P
96_094954_0000MB
97_094954_0000MB_P
98_113130_0000MB
99_113132_0459MB_S
100_114749_0000MB_P
101_114749_0000MB
102_114750_0190MB_P
103_120541_0000MB
104_120542_0159MB_P
105_121315_0000MB
106_121315_0000MB_P
107_122131_0000MB
108_122131_0000MB_P
109_122841_0000MB
110_122842_0159MB_P
111_123650_0000MB
112_123651_0465MB_S
113_124658_0007MB_P

1 ID-SERVICE1 Speed: 0Miles/h Size:704*480 Frame:30
2 ID-SERVICE1 Speed: 0Miles/h Size:704*480 Frame:30
3 ID-SERVICE1 Speed: 0Miles/h Size:704*480 Frame:30
4 ID-SERVICE1 Speed: 0Miles/h Size:704*480 Frame:30

CH1 CH2 CH3 CH4

other MSK

Video Playback Analyzing Software V2.15

Name: admin
2014-11-19 13:25:33

Mobile DVR
GPS

Mobile DVR
+ 2014-11-14
+ 2014-11-15
+ 2014-11-16(New)
85_084327_0095MB
86_084821_0038MB_S
87_084706_0079MB_S
88_084848_0160MB_S
89_085241_0315MB_S
90_085750_0078MB_S
91_085919_0053MB_S
92_085954_0043MB_S
93_090102_0030MB_S
94_090147_0059MB_S
95_090411_0049MB_P
96_094954_0000MB
97_094954_0000MB_P
98_113130_0000MB
99_113132_0459MB_S
100_114749_0000MB_P
101_114749_0000MB
102_114750_0190MB_P
103_120541_0000MB
104_120542_0159MB_P
105_121315_0000MB
106_121315_0000MB_P
107_122131_0000MB
108_122131_0000MB_P
109_122841_0000MB
110_122842_0159MB_P
111_123650_0000MB
112_123651_0465MB_S
113_124658_0007MB_P

1 ID-SERVICE1 Speed: 0Miles/h Size:704*480 Frame:30
2 ID-SERVICE1 Speed: 0Miles/h Size:704*480 Frame:30
3 ID-SERVICE1 Speed: 0Miles/h Size:704*480 Frame:30
4 ID-SERVICE1 Speed: 0Miles/h Size:704*480 Frame:30

CH1 CH2 CH3 CH4

other MSK

Play time	Alarm type	Car ID	Alarm info
2014-11-19 13:25:21	2014-11-19 13:10:10	ABV	Car warning
2014-11-19 13:25:21	2014-11-19 13:10:10	ABV	Car warning
2014-11-19 13:25:21	2014-11-19 13:10:10	ABV	Car warning
2014-11-19 13:25:21	2014-11-19 13:10:10	ABV	Car warning
2014-11-19 13:25:21	2014-11-19 13:10:10	ABV	Car warning
2014-11-19 13:25:21	2014-11-19 13:10:10	ABV	Car warning
2014-11-19 13:25:21	2014-11-19 13:10:10	ABV	Car warning
2014-11-19 13:25:21	2014-11-19 13:10:10	ABV	Car warning

Video Playback Analyzing Software V2.15

Name: admin
2014-11-19 13:33:53

Mobile DVR
GPS

Mobile DVR
+ 2014-11-14
+ 2014-11-15
+ 2014-11-16(New)
85_084327_0095MB
86_084821_0038MB_S
87_084706_0079MB_S
88_084848_0160MB_S
89_085241_0315MB_S
90_085750_0078MB_S
91_085919_0053MB_S
92_085954_0043MB_S
93_090102_0030MB_S
94_090147_0059MB_S
95_090411_0049MB_P
96_094954_0000MB
97_094954_0000MB_P
98_113130_0000MB
99_113132_0459MB_S
100_114749_0000MB_P
101_114749_0000MB
102_114750_0190MB_P
103_120541_0000MB
104_120542_0159MB_P
105_121315_0000MB
106_121315_0000MB_P
107_122131_0000MB
108_122131_0000MB_P
109_122841_0000MB
110_122842_0159MB_P
111_123650_0000MB
112_123651_0465MB_S
113_124658_0007MB_P

1 ID-SERVICE1 Speed: 0Miles/h Size:704*480 Frame:30
2 ID-SERVICE1 Speed: 0Miles/h Size:704*480 Frame:30
3 ID-SERVICE1 Speed: 0Miles/h Size:704*480 Frame:30
4 ID-SERVICE1 Speed: 0Miles/h Size:704*480 Frame:30

CH1 CH2 CH3 CH4

other MSK

Video Playback Analyzing Software V2.15

Name: admin
2014-11-19 13:25:59

Mobile DVR
GPS

Mobile DVR
+ 2014-11-14
+ 2014-11-15
+ 2014-11-16(New)
85_084327_0095MB
86_084821_0038MB_S
87_084706_0079MB_S
88_084848_0160MB_S
89_085241_0315MB_S
90_085750_0078MB_S
91_085919_0053MB_S
92_085954_0043MB_S
93_090102_0030MB_S
94_090147_0059MB_S
95_090411_0049MB_P
96_094954_0000MB
97_094954_0000MB_P
98_113130_0000MB
99_113132_0459MB_S
100_114749_0000MB_P
101_114749_0000MB
102_114750_0190MB_P
103_120541_0000MB
104_120542_0159MB_P
105_121315_0000MB
106_121315_0000MB_P
107_122131_0000MB
108_122131_0000MB_P
109_122841_0000MB
110_122842_0159MB_P
111_123650_0000MB
112_123651_0465MB_S
113_124658_0007MB_P

1 ID-SERVICE1 Speed: 0Miles/h Size:704*480 Frame:30
2 ID-SERVICE1 Speed: 0Miles/h Size:704*480 Frame:30
3 ID-SERVICE1 Speed: 0Miles/h Size:704*480 Frame:30
4 ID-SERVICE1 Speed: 0Miles/h Size:704*480 Frame:30

CH1 CH2 CH3 CH4

other MSK

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

Video Playback Analyzing Software V2.15

Mobile DVR GPS

Name: admin
2014-11-16 13:25:20

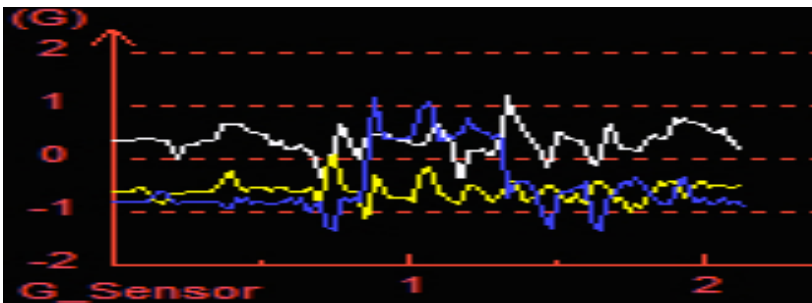
Mobile DVR

- 2014-11-14
- 2014-11-15
- 2014-11-16(New)
 - 85_084337_0096MB
 - 86_084621_0036MB_S
 - 87_084706_0079MB_S
 - 88_084849_0160MB_S
 - 89_085241_0315MB_S
 - 90_085750_0078MB_S
 - 91_085919_0025MB_S
 - 92_085954_0043MB_S
 - 93_090102_0030MB_S
 - 94_090147_0099MB_S
 - 95_090411_0094MB_P
 - 96_094854_0000MB
 - 97_094856_0394MB_P
 - 98_113130_0000MB
 - 99_113132_0459MB_S
 - 100_114139_0139MB_P
 - 101_114749_0000MB
 - 102_114750_0190MB_P
 - 103_120541_0000MB
 - 104_120542_0155MB_P
 - 105_121315_0000MB
 - 106_121316_0207MB_P
 - 107_122131_0000MB
 - 108_122132_0110MB_P
 - 109_122841_0000MB
 - 110_122842_0159MB_P
 - 111_123650_0000MB
 - 112_123651_0465MB_S
 - 113_124658_0007MB_P

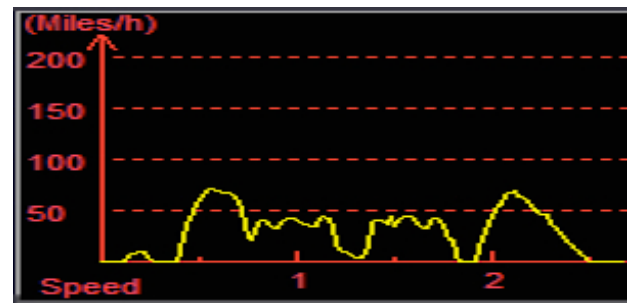
1 ID:ABV... Speed: 63Miles/h Size 704*480 Frame 30
2 ID:ABV... Speed: 62Miles/h Size 704*480 Frame 30
3 ID:ABV... Speed: 63Miles/h Size 704*480 Frame 30
4 ID:ABV... Speed: 63Miles/h Size 704*480 Frame 30

G Sensor (G) X Y Z
Speed (Miles/h)

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

FleetDriverRiskManagement.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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