



**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
Built in G-Sensor
Built in GPS Module
Built in Wi-Fi Wireless

SD4D, SD4W & SD4C

Low Cost School Bus Surveillance
or Live View Live GPS Tracking & Wi-Fi

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



Choice of Cameras



SD4D - Basic Series
SD4W - GPS & Wi-Fi
SD4C - GPS, Wi-Fi & 3G



Choice of Cameras



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

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

SD4C is for Live View Video Streaming GPS vehicle speed, On Screen Mapping, Wi-Fi Wireless Data Download.

Features Built Into SD4D, SD4W & SD4C School Bus Driver Safety Series Event Recorder

- Live View 3G Video Streaming Vehicle Video Surveillance Camera solution (SD4C)
- Live GPS Vehicle Tracking, speed and location via Google maps (SD4C)
- Live Intercom Driver Communication Microphone (SD4C)
- Live Alerts for Crash & Over Speed Events & Driver Panic Button (SD4C)
- Remote Driver Surveillance Viewing via PC or Smartphone (SD4C)
- Wi-Fi Wireless module built into DVR for Automated data file download via Wi-Fi (SD4W & SD4C)
- 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 (SD4W & SD4C)
- Enhanced File Security, Unauthorized users cannot play files on their PC w/o Dedicated Video Player software
- 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 ½ cost of new DVR

DVR records to SD card in high quality D1 resolution, actual recorded screenshot:



SD4D, SD4W & SD4C incorporate Built in 3-Axis Accelerometer & G-Force Sensor



The SD4D, SD4W & SD4C provide 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.

MS Remote Monitoring System V2.57

Mobile DVR

GPS

Name: use

2015-02-13 19:41:48

Input CarName

Search

00000000(GPS unknown)

ÅU929568(GPS position)

Å0000000(GPS unknown)

ÅB19970(GPS position)

ÅB19970(GPS position)

Å0000000(GPS unknown)

Å0000000(GPS unknown)

ÅBQ2655(GPS unknown)

Å0000000(GPS position)

ÅBP2672(GPS normal)

0099_1

0099_2

0099_3

0099_4

0099_5

Basic Info

CardID: ÅBP2672

DeviceID: 00023308

Speed: 66 Km/h

Lat: N 36.119628

Long: E 120.448503

OilPercent: 0%

Speedometer: 11.201 Km

PTZ Control

ÅBP2672 2569 Byte

V A H R S P X

2015-02-14 08:43:15

ÅBP2672 070km/h 12067 10956 3607 1392N

ÅBP2672 5134 Byte

V A H R S P X

2015-02-14 08:43:18

ÅBP2672 070km/h 12067 10956 3607 1392N

ÅBP2672 7322 Byte

V A H R S P X

2015-02-14 08:43:18

ÅBP2672 070km/h 12067 10956 3607 1392N

ÅBP2672 5600 Byte

V A H R S P X

2015-02-14 08:43:17

ÅBP2672 070km/h 12067 10956 3607 1392N

Map

Mongolia

China

Sea of Japan (East Sea)

Japan

East China Sea

South China Sea

Guangdong

Guangxi

Yunnan

Indonesia

Map Data

Terms of Use

Time	Car ID	Alarm Info	Long	Lat	Results	Pro_time	Address
2015-02-13 19:41:03	ÅB11680	OverSpeed(02 km/h)	E 120.431	N 36.227			
2015-02-13 19:40:53	ÅB11680	OverSpeed(00 km/h)	E 120.431	N 36.225			
2015-02-13 19:40:41	ÅBP2672	OverSpeed(00 km/h)	E 120.447	N 36.126			
2015-02-13 19:38:50	ÅBP2672	OverSpeed(00 km/h)	E 120.447	N 36.143			
2015-02-13 19:38:07	ÅBP2672	OverSpeed(00 km/h)	E 120.444	N 36.151			
2015-02-13 19:38:03	ÅBQ3786	Car Online!					
2015-02-13 19:36:36	ÅBP2672	OverSpeed(01 km/h)	E 120.437	N 36.167			
2015-02-13 19:36:27	ÅBP2672	OverSpeed(04 km/h)	E 120.436	N 36.163			
2015-02-13 19:36:15	ÅBP2672	OverSpeed(00 km/h)	E 120.435	N 36.172			

219.134.190.134 : Connect to server success!

Status: video/map mode

Flow: 219 KB/s

IS Remote Monitor System V2.57
Name: user
2015-02-13 19:25:32

put CarName Search

- 0000000(GPS position)
- 0000000(GPS unknown)
- AU92958(GPS position)
- A000000(GPS unknown)
- A0B19970(GPS position)
- A0B19971(GPS position)
- A000000(GPS unknown)
- A000000(GPS unknown)
- A0Q2655(GPS unknown)
- y000000(GPS position)
- A0BP2672(GPS normal)
- 0099_1
- 0099_2
- 0099_3
- 0099_4

Basic Info

CarID: A0BP2672
DeviceID: 00023308
Speed: 60 Km/h
Lat: N 36.272673
Long: E 120.397003
DIPercent: 0%
Speedometer: 1.857 Km

PTZ Control

A0BP2672 9789 Byte		A0BP2672 2270 Byte	
V A H R S P X		V A H R S P X	
2015-02-14 08:26:38		2015-02-14 08:26:37	
A0BP2672 13752 Byte		A0BP2672 13495 Byte	
V A H R S P X		V A H R S P X	
2015-02-14 08:26:39		2015-02-14 08:26:40	

Obando

MALANDAY

T. Santiago

PUNTUR

LAWANG BA

PALASAN

ARKONG BATO

KARUHATAN

Navotas

CATMON

POTERO

MORNING BREEZE SUBDIVISION

A BONIF

SANTA I

MEGA

Caloocan

G-3 Rd

BARRIO SAN JOSE

MAYPAJO

Kingson

TONDO

SAMPAI

Manila

ERMITA

PANC

Time	Car ID	Alarm Info	Long	Lat	Results	Pro_time	Address
2015-02-13 19:25:26	A0BJ1680	Car Online					
2015-02-13 19:25:13	00008816	Car Online					
2015-02-13 19:23:38	A0BJ1680	Car Offline					
2015-02-13 19:22:02	A0BP2672	Car Online					
2015-02-13 19:22:00	A0BP2672	Car Offline					
2015-02-13 19:20:34	A0Q2665	Car Online					
2015-02-13 19:19:51	A0BJ1660	Car Offline					

#19.134.190.134]: Connect to server success!
Status: video/map mode
Flow: 156 KB/s

SD4D, SD4W & SD4C DVR Specifications

Items	Device parameters	Performance index
Name	Product Name	SD4D, SD4W & SD4C
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 128GB SD card storage, Support 128GB
	Image Quality	Eight Grades to Choose
Alarm	Alarm in	4 Channels Input. High Voltage Trigger
	Alarm out	1 Channels output
USB Interface	Host Access	Option For USB Disk Backup
Network Interface	Wire line Access	Option RJ45 Ethernet Port (SD4W & SD4C)
	Wi-Fi	Option Wi-Fi Module Outside (SD4W & SD4C)
	3G	Option WCDMA or CDMA2000 Module Inside (SD4C)
GPS Interface	GPS	GPS Module built into DVR External Antenna (SD4W & SD4C)
Extend Interface	RS232	Option to connect with other vehicle equipment
	RS485	Option to connect with PTZ Camera
	Intercom	Option to Expand Intercom Module Inside (SD4C)
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 or 3G network, or CMS software program provided. Those who wish to use Wi-Fi or 3G 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 in Administrator mode.

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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