Free Stop Arm Violation Camera Upgrade
10-Year Camera Warranty Standard

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30 years Mobile Digital Sales & Service Experience

100% Solid State Built in G-Sensor Built in GPS Module Built in Wi-Fi Wireless	**SD4HD, SD4HW & SD4HC** High Definition Mobile Solution 720P-AHD & 960H Hybrid DVR	GPS Speed & Mapping Dangerous Driver Charting 10-Year Warranty Available Automated Data Download

Choice of Cameras

SD4HD - Basic HD Series
SD4HW - GPS and Wi-Fi
SD4HC – GPS, Wi-Fi & 3G

Choice of Cameras

SD4HD DVR is the basic High Definition 720P-AHD for those wishing Video & Audio w/o bells and whistles.
SD4HW High Definition 720P-AHD w/GPS vehicle speed, On Screen Mapping, Wi-Fi Wireless Data Download.
SD4HC Live View Video Streaming GPS vehicle speed, On Screen Mapping, Wi-Fi Wireless Data Download.
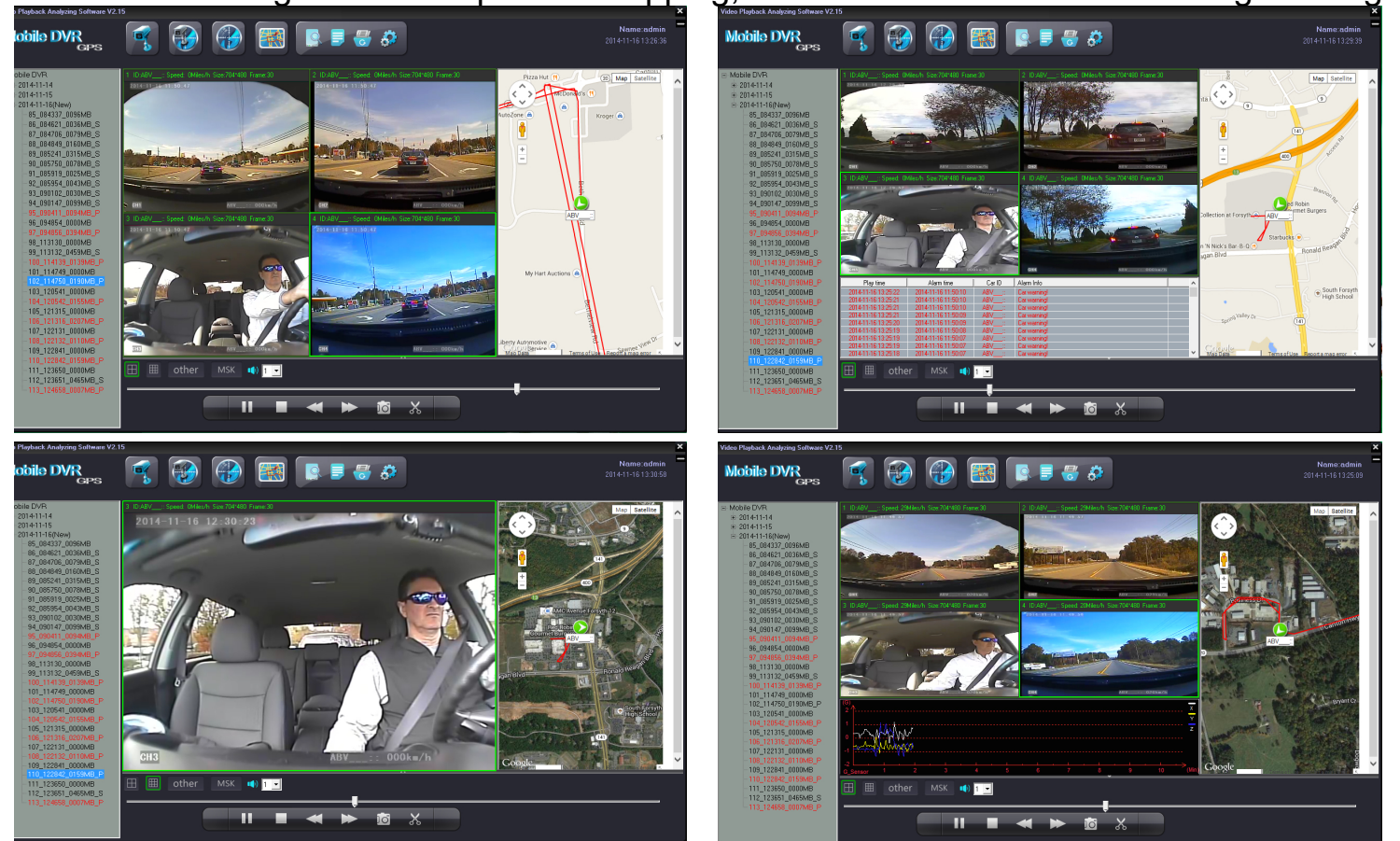
Features Built Into SD4HD, SD4HW & SD4HC High Definition Mobile Video Driver Safety Series
- Live View 3G/4G Video Streaming Vehicle Video Surveillance Camera solution (SD4HC only)
- Live GPS Vehicle Tracking, speed and location via Google maps (SD4HC only)
- Live Intercom Driver Communication Microphone (SD4HC only)
- Live Alerts for Crash & Over Speed Events & Driver Panic Button (SD4HC only)
- Smartphone App for Remote Driver Surveillance Viewing via PC or Smartphone (SD4HC only)
- Wi-Fi Wireless module built into DVR for Automated data file download via Wi-Fi (SD4HW & SD4HC only)
- High Definition 720P Video (1280x720) from 4 cameras at 30FPS
- Stop Arm Camera (ExCAM 12mm) for School Bus Stop Arm violation of vehicle license plate capture
- 256 GB 100% Solid State Digital memory capacity, Twin 128GB SD bay, for rugged reliable data memory storage
- 4-channel DVR can accept up to 4 cameras with 4 channels of audio
- 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 Vehicle Speed & On Screen Mapping (SD4HW & SD4HC only)
- Enhanced File Security, Unauthorized users cannot play files on their PC w/o Dedicated Video Player software
- Hybrid 720P-AHD DVR can also use standard Analog D1 resolution cameras for older system upgrades to High Definition
- 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

Note: All of the mages on this page are D1 Resolution to keep the file size of document small, for fast download & e-mail.
Actual 720P-AHD High Definition images are much larger and clearer as they employ Megapixel cameras and record in AHD.
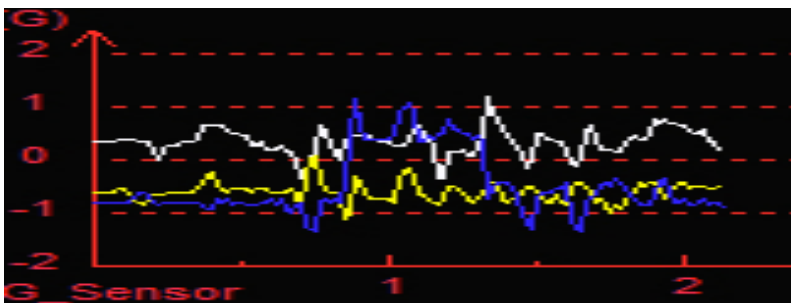

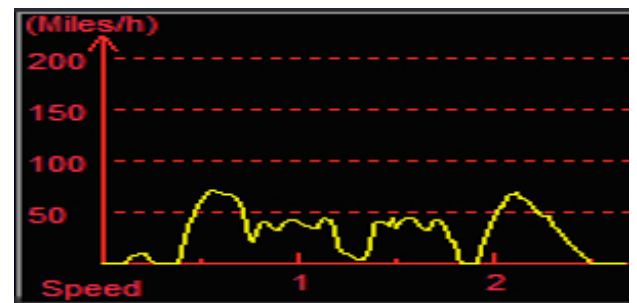SD4HW GPS Google Vehicle Speed & Mapping, SD4HC adds Live GPS Tracking/Routing

SD4HD, SD4HW & SD4HC incorporate Built in 3-Axis Accelerometer & G-Force Sensor

The SD4HD, SD4HW & SD4HC 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.

Dangerous Driving Behaviors Charting

Speed Charting for Speeders

⚠️ Stop Dangerous Driving Behavior ⚠️

SD4HC Live View 3G CMS Video Streaming GUI, GPS Tracking & Driver Communication

SD4HC Live View 3G CMS Video Streaming GUI, GPS Tracking & Driver Communication

Items	parameters	Specifications Performance
Name	Product Name	SD4HD, SD4HW & SD4HC
System	Operation System	Linux
	File System	Proprietary Format, error encryption & file management
	System Privileges	User Password
Video	Video Input	4 channels 720P-AHD or 960H
	Video Output	2 Channel NTSC Output, 1.0Vp-p, 75Ω, 1 channel 1080P
	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	2 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
	Image Format	NTSC: 4@720P (1280 x 720)
	Video Stream	CIF: 24K-112KByte/s; HD1 & D1: 24K-192KByte/s;
	Video Storage Consumption	CIF: 85M-394MByte / hour / channel D1: 85M-675MByte / hour / channel 720: 150M-675MByte / hour / channel
	Playback Resolution	NTSC: 4@720p (1280x720)
	Audio Bitrate	96 KByte -192KByte / s / channel
	Audio Storage Consumption	14MByte / hour / channel
	SD Storage	Double 128GB SD card storage
	Image Quality	Eight Grades to Choose (1 is highest quality)
Alarm	Alarm in	4 Channels Input. High Voltage Trigger
	Alarm out	1 Channels output
	Motion Detection	High, Medium, Low sensitivity adjustment
USB	Host Access	Option For USB Disk Backup
LAN	RJ45	Option RJ45 Ethernet Port for video monitoring
	Wi-Fi	Option Wi-Fi Module Outside (SD4HD, SD4HW & SD4HC)
	3G	Option HSPDA/EVDO/CDMA2000/FDD-LTE Module Inside
GPS	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 8W without HDD
	Working Temperature	-20°C ~ +85°C (-4 to +185 Fahrenheit) >80%
	Clock	Built-In Clock, Calendar
Dimension	Product Size	132(L) x 137(W) x 40(H) mm
	Product Weight	0.6KG

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.

As a Security protocol, PCs will not recognize SD card file format unless the dedicated video file Player Program is running on the PC in Administrator mode.

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