



Stop Arm Violation Camera Free Stop Arm Camera Upgrade

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30 years Mobile Digital Sales & Service Experience

Built in GPS Module
Built in G-Sensor Sensor
Driver IR LED DVR Status Indicator
Full HD 1080p Stop Arm Camera

SD4FHD & SD4FHW High Definition Surveillance 10-Year Camera Warranty

Speed & On Screen Mapping
Dangerous Driver Charting
DVR Status Verification Display
Stop Arm License Capture



2 Megapixel NV Cameras w/Audio



2 Megapixel NV Cameras w/Audio



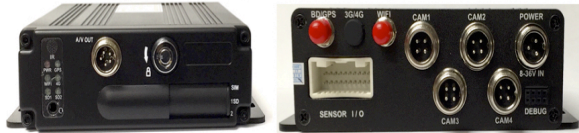
The SD4FHD, SD4FHW & SD4FHC mobile vehicle DVR is a breakthrough in 4-channel conventional mobile video technology that now provides Full HD 1920 x 1080 High Definition video camera surveillance for those who want the best image available for their vehicle or school bus video evidence recordings. The SD4FHD is the non-network version for those interested in a standalone mobile video solution without the added expense, complexity or hassles associated with Wi-Fi or 3G cellular streaming.

Leading Features Built Into SD4FH Mobile Vehicle High Definition Video Security Surveillance Solution:

- Full High Definition (1920x1080) Full HD 4 channels 1080P simultaneous recording 120FPS
- 512GB SDXC memory support (Not included, must be customer provided)
- Built in Accelerometer & G-Sensor Charting Documents & Alerts during Dangerous Driving Behaviors
- GPS built into DVR provides School Bus Speed & On Screen Mapping without service fee for use
- Built in Wi-Fi module on SD4FHW & SD4FHC for automated Data Download
- Stop Arm Violation High Definition 1920 x 1080 Camera documentation supported
- Mosaic "Blurring" feature in Video Player to protect children identities during playback
- Full Duplex Under full loading status, playback the recorded data with no frame loss
- Dual Video watermark: Overt & Covert government only access watermark video security
- Remote Driver DVR Status Indicator so driver can verify function when DVR in hidden location
- Full 1080P & H.264 compression for images 4 times clearer than standard D1 technology
- AHD DVR technology can use older D1 & 720 cameras as long as they have standard CCTV connections
- 10-Year Camera Warranty Standard on all 1080P-AHD cameras
- "Testudo Lifetime System Warranty" (Option available for all 1080P-AHD systems)

*All images shown are low resolution for small PDF file; actual images are High Definition Full HD 1920x1080

SD4FHD,SD4FHW, SD4FHC Specifications:



Items	Device parameters	Performance index
Name	SD4FHD, SD4FHW, SD4FHC	4 Channel Mobile DVR (SDXC Storage)*
System	Operation System	Linux
	Operation Interface	Graphical Interfaces, Chinese/English optional
	File System	Proprietary Format
	System Security	User Password
Video	Video Input	4 Channel Megapixel Independent Input: 1.0Vp-p,75Ω Both B&W and 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
Digital Processing & Storage	Audio Compression	ADPCM
	Image Compression	H.264 Fixed Code Stream
	Image Format	4@1080P (1920*1080)
	Video Stream	1.0M-6.0Mbit/s
	Video Taking Up Of Hard Disk	450M-2.6GByte/hour
Alarm	Playback Resolution	1 or 4@1080P
	Audio Bitrate	4KByte / s / channel
	Audio Taking Up Of Hard Disk	14MByte / hour / channel
	SDXC Storage*	Support Max 512GB (Not included with DVR)*
	Image Quality	Eight Grades to Choose
USB Port	Alarm in	8 Channels Independent Input. High Voltage Trigger
	Alarm out	2 Channels Independent output
	Move Detect	Available
Network	Host Access	Can Expand One For USB Disk Backup (optional)
Interface	LAN Port (RJ45)	Built in support with Wi-Fi equipped DVR
	Wi-Fi	Optional (included with SD4FHW DVR based systems)
GPS	3G	Optional (included with SD4FHC DVR based systems)
	GPS	SD4FHW & SD4FHC, On Screen Mapping w/no service fees
Extend Interface	RS232	Optional (included with SD4FHC DVR based systems)
	RS485	Optional (included with SD4FHC DVR based systems)
	Intercom	Optional (included with SD4FHC DVR based systems)
Others	G-Sensor	Built in 3-axis Accelerometer
	Power Consumption	DC8-36V 5% ≤12W
	Working Temperature	-20°C ~ +85°C ≤80%
Packaging	Clock	Built-In Clock, Calendar
	Product Size	132(L) x 137(W) x 40(H) mm
	Product Weight	0.6KG

Drive Route Taken Indicator*



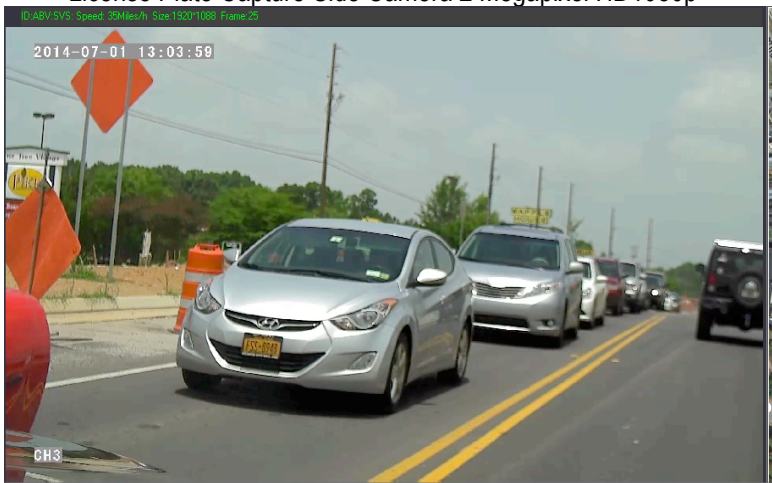
Road Camera Forward Facing 2 Megapixel HD1080p*



Driver Camera Interior Facing 2 Megapixel HD1080p*



License Plate Capture Side Camera 2 Megapixel HD1080p*



License Plate Capture Forward Camera 2 Megapixel HD1080p*



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SD4FH incorporates Built in 3-Axis Accelerometer & G-Force Sensor *



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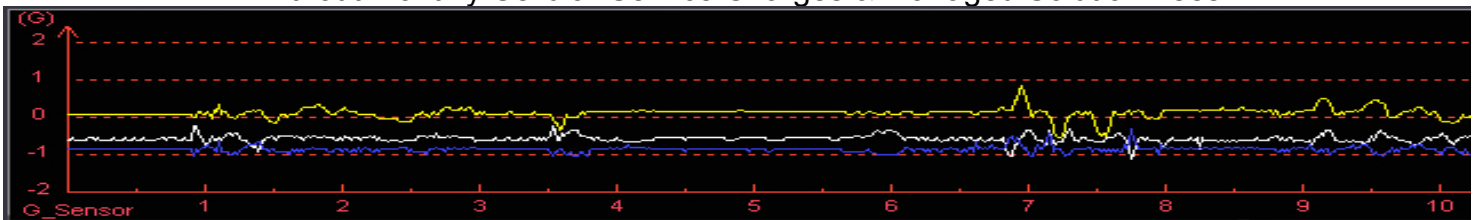
The "SD4FHD, SD4FHW & SD4FHC" provide sequential impartial documentation of potential dangerous driving behaviors that can adversely affect your fleet equipment investment or drivers safety and help provide a driver risk management safety tool that can be used to highlight and document Dangerous Driving Behaviors.



Stop Dangerous Fleet Driving Behavior



Without Monthly Cellular Service Charges & Managed Solution Fees



All DVR specifications, features as well as hardware represented subject to frequent change without notice. ABV provides no CMS server installation support, no CMS server setup support or technical support in the use or operations of any Wi-Fi network, or CMS software.

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30 Years of Fleet Driver Safety System Sales & Service Experience

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