



Stop Arm Violation License Capture Camera

American Bus Video

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25 years Mobile Digital Sales & Service Experience

Built in GPS Module
Built in G-Sensor Sensor
Bully Alarm & Light Indication
Driver IR LED DVR Status Indicator
Full HD 1080p Stop Arm SDI Camera

FHD4G & FDH4W High Definition Surveillance Bully Alarm / Child Assault Alert

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



2 Megapixel SDI Cameras w/Audio



2 Megapixel SDI Cameras w/Audio



The FHD4G 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 FHD4G is the non-network version for those interested in a standalone mobile video solution without the added expense, complexity or hassles associated with of Wi-Fi or 3G cellular streaming.

Leading Features Built Into FHD4G Mobile Vehicle High Definition Video Security Surveillance Solution:

- Full High Definition (1920x1080) Full HD 4 channels 1080P simultaneous recording 120FPS
- 2 TB Memory Storage capacity for SSD or HDD (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 FHD4W for automated Data Download
- Stop Arm Violation High Definition 1920 x 1080 Camera documentation supported
- Bully Alarm option is a Child Safety Passenger initiated Audio & Visual alert to all of assault or emergency
- Mosaic "Blurring" feature in Video Player to protect children identities during playback
- Pentaplex Operation: preview, record, playback, backup, network transmission
- Full Duplex Under full loading status, playback the recorded data with no frame loss
- Propriety File structure speeds download, limits data loss and compensates for HDD sector problems
- 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
- 10-Year, 5-Year & 3-Year Extended Warranty options available on this Full HD 1080P DVR



FHD4G Specifications:

Items	Device parameters	Performance index
Name	FHD4G	4 Channel Mobile DVR (HDD 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 SDI 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
Digital Processing & Storage	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
	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
	Playback Resolution	1 or 4@1080P
	Audio Bitrate	4KByte / s / channel
	Audio Taking Up Of Hard Disk	14MByte / hour / channel
	HDD Storage*	Support Max 2TB (Not included with DVR)*
	Alarm	Image Quality
Alarm in		8 Channels Independent Input. High Voltage Trigger
Alarm out		2 Channels Independent output
USB Port	Host Access	Can Expand One For USB Disk Backup
Network Interface	LAN Port (RJ45)	Built in
	Wi-Fi	Optional (included with FHD4GC DVR based systems)
GPS	3G	Optional (included with FHD4GC DVR based systems)
	GPS	Built in, Free On Screen Mapping who service fees
Extend Interface	RS232	Optional (included with FHD4GC DVR based systems)
	RS485	Optional (included with FHD4GC DVR based systems)
	Intercom	Optional (included with FHD4GC DVR based systems)
	G-Sensor	Built in 3-axis Accelerometer
Others	Power Consumption	DC8-36V 5% ≤12W
	Working Temperature	-20°C ~ +85°C ≤80%
	Clock	Built-In Clock, Calendar
Packaging	Product Size	245 (L) x 190 (W) x 71 (H) mm
	Product Weight	2.8KG (without HDD)

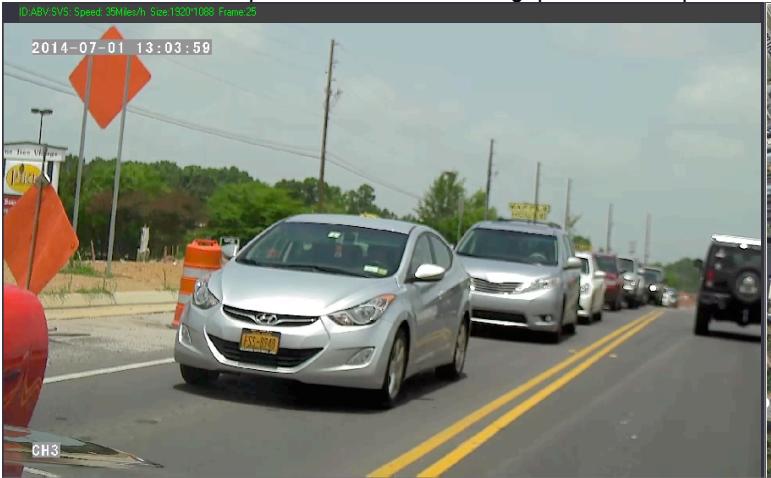
Road Camera Forward Facing 2 Megapixel HD1080p*



Driver Camera Interior Facing 2 Megapixel HD1080p*



License Plate Capture Side Camera 2 Megapixel HD1080p*



License Plate Capture Forward Camera 2 Megapixel HD1080p*



*All versions and configurations provided w/o memory storage device (HDD or SSD), this is a customer provided required component. All specifications are subject to change without notice as features are added, improved or deleted.

Drive Route Taken Indicator*



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

FHD4G incorporates Built in 3-Axis Accelerometer & G-Force Sensor *



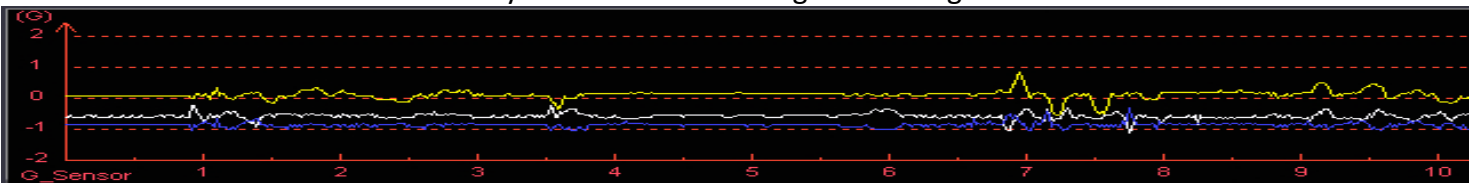
The "FHD4G & FHD4W" provide sequential impartial documentation of potential dangerous driving behaviors that can adversely affect your fleet equipment investment or drivers safety and help provide a driver risk management safety tool that can be used to highlight and document Dangerous Driving Behaviors.



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 recommends only 100% SSD for these products. (Neither SSD or HDD included, customer supplies memory devices) 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 program provided.

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

American Bus Video Inc. (770) 263-8118

DriverSafetyCameras.com

FleetDriverRiskManagement.com

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