

# SD4FHD / SD4FHW / SD4FHC



**SD4FHD** High Definition 1080P-AHD for those wishing for HD Video & Audio w/o bells and whistles.

**SD4FHW** High Definition 1080P-AHD for those wishing HD Video & AudioGPS & Wi-Fi Download

**SD4FHC** Live View Video Streaming GPS vehicle speed, On-Screen Mapping, Wi-Fi Wireless Data Download.

## Best Value School Bus Camera Features:

- 10-Year Camera Warranty Standard
- Lifetime Memory Warranty Standard
- "Testudo Lifetime System Warranty" (optional)
- Free Stop Arm Camera Upgrade for School Bus Stop Arm violation
- 1TB 100% Solid State memory capacity, Twin 512GB SD bay
- 4, 8 & 12 Camera Modular Solutions for 100% Solid State Reliability
- Built-in Accelerometer / G-Sensor documents Dangerous Driving Behaviors
- High Definition 1080P Video from 4, 8, or 12 camera modular systems
- Backward Compatible with 25 years of Analog cameras sold by FMI/ABV
- Mosaic "Blurring" software to protect children's identities during playback

**American Bus Video Inc.**

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10-Year Camera Warranty Standard

Testudo Lifetime System Warranty Available

30+ Years of Mobile Digital Sales & Service Experience

SD4HW High Definition Road Facing camera, with IR LEDs, disabled to prevent "ghosting" glare off the windshield



SD4HW is Backwards compatible with Analog cameras sold over the last 25 years from FMI/ABV





# 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
	Audio Compression	ADPCM
Digital Processing & Storage	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
	SDXC Storage*	Support Max 512GB (Not included with DVR)*
Alarm	Image Quality	Eight Grades to Choose
	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 (optional)
Network	LAN Port (RJ45)	Built in support with Wi-Fi equipped DVR
Interface	Wi-Fi	Optional (included with SD4FHW DVR based systems)
	3G	Optional (included with SD4FHC DVR based systems)
GPS	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)
	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	132(L) x 137(W) x 40(H) mm
	Product Weight	0.6KG

All DVR hardware specifications, features, and GUI features/representations are subject to change without notice. Those who use Wi-Fi or 4G LTE / 3G network features must provide their own in house MCSA trained staff to set up the network, program the DVRs, and maintain all aspects of the CMS server network. Memory storage is affected by FPS, resolution & number of cameras. PCs will not recognize SD card file format unless the dedicated video file Player Program is running on the PC in Administrator mode. Customers must know basic PC skills.