

AMERICAN BUS CAMERA



High Definition Live Streaming

This student video surveillance camera system for school buses offers a 4G Video Streaming student video surveillance system with a higher level of Video Evidence Security, virtually eliminating the possibility video files will be viewed by outside parties or on unauthorized video players. With Built-in 4G SIM card support, Live GPS Tracking for GeoFencing, vehicle location, vehicle speed, and free On Screen Mapping during playback.



Camera Features Include:

- 4G Video Streaming, Live View from all cameras from remote PC or Smartphone
- Live GPS tracking, vehicle location, and route history
- GPS Vehicle Speed & On Screen Mapping included
- Wi-Fi Wireless module built-in, Wi-Fi antenna included
- Automated Data File Download via Wi-Fi
- 512 GB Twin SD Card Bays for 100% Solid State Memory Capacity
- 4-channel School Bus Video DVR accepts four cameras with audio
- Mosaic “Blurring” software to help protect non-involved passengers
- Built-in 3-axis Accelerometer, Crash trigger & G-Sensor Charting
- 10-Year Camera Warranty on every High Definition 720P Camera

High Definition Road Facing camera, w/ IR LEDs, disabled to prevent “ghosting” glare off windshield.

Backwards compatible w/ Analog camera sold over the last 25 years from FMI/ABV



For more information, contact:



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Items	Parameters	Specifications Performance
System	Operation System	Linux
	File System	Proprietary Format, error encryption
	System Privileges	User Password
Video	Video Input	4 channels 1080P-AHD, 720-AHD or 960H
	Video Output	2 Channel NTSC Output, 1.0Vp-p, 75Ω
	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@1080p, 4@720p
	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
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	Built in on SD4FHW & SD4FHC
	4G	Option HSPDA/EVDO/CDMA2000/FDD-LTE Module Inside
GPS	GPS	Built in on SD4FHW & SD4FHC
Extend Interface	RS232	Built in on SD4FHW & SD4FHC
	RS485	Option to connect with PTZ Camera
	Intercom	Built in on SD4FHC
	G-Sensor	Built in on SD4FHW & SD4FHC
	Canbus	Option to Expand Canbus on SD4FHW & SD4FHC
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	6" (L) x 5.5"(W) x 1.75"(H)
	Product Weight	4 pounds