



**Stop Arm Violation Camera
Free Stop Arm Camera Upgrade**

American Bus Video Inc.

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AmericanBusVideo.com

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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 of 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 on every High Definition 720P & 1080P Camera

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



BTC-AF



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Black Turret Camera

School, Transit, Shuttle Bus Cameras



Special Features

- Vandal-resistant metal shell
- 2MP High Definition 2.8mm
- 3-axis of adjustments Pan, Tilt & Image Level
- Built-in microphone in ball no external mic
- Built in Audio Gain adjustment
- 24 PCS built-in IR LEDs
- IR range up to 25'
- Screw on locking base ring for easier install

The **BTC-AF** is a weather resistant vandal resistant, auto activating, infrared camera. It is the size and shape of a very small dome camera, but its versatile "turret" style system allows for faster installs and easier adjustments.

Model	BTC-AF 2.8m
Sensor	1/4" 1MP 1080P Megapixel CMOS
Resolution	1080P* (1080P)
Effective Pixels	1,920(H)×1,280(V), 2MP
Frame rate	NTSC: 30fps
Signal system	NTSC
Mini illumination	Color: 0.lux F1.2; B/W: 0 Lux (IR ON)
Audio	With Audio (Without Audio optional)
Lens	F=2.8mm
IR-CUT	3MP IR filter cut
Day & Night	AUTO /COLOR /B/W /EXT
D-WDR	OFF/ON
Noise Reduction	3DNR: OFF/Low / Middle / High
Back Light	BLC/HSBLC/OFF
Auto Gain Control	0~15 Adjustable
Defog	OFF / AUTO
SNR	≥50dB
Shutter speed	2X~30X/AUTO/1/50 ~ 1/50,000sec
Brightness	0~100 Adjustable
White Balance	ATW/AWC→SET/INDOOR/OUTDOOR/MANUAL/AWB
Mirror	OFF/MIRROR/V-FLIP/ROTATE
Sharpness	OFF/AUTO (Level, Start AGC and End AGC can be settled)
IR wavelength	850nm
IR light	24pcs
IR distance	25m
Video output	1Vp-p, 75 ohm, BNC
Power supply	DC 12V ± 10%
Working temp	-10C ~+50C
Waterproof grade	IP64
Size	90mmx90mmx85mm

Information in this specification sheet is subject to change without notice.

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Stop Arm Camera

License Plate Capture Camera



SAC-AF



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AmericanBusVideo.com

SAC-AF Camera Special Features

- High Definition 1920x1080 resolution
- Vandal-resistant metal shell
- 2 Mega Pixel High Definition Supported
- 12mm Lens for License Plate Capture
- 3-axis of adjustments Pan, Tilt & Level
- IP 66 rated for dust & moisture resistance
- Built-in security locking screws
- Built-in IR LED 20 meter range
- Screw on locking base ring for easier install

The **SAC-AF camera** is a weather resistant vandal resistant, Full HD 1080p Stop Arm Camera that can be mounted on the side of a vehicle, to document vehicles passing when the Stop Arm is extended during loading and unloading of children, in violation of law.

Specifications

Image Sensor	1/3" Panasonic SONYIMX122 ultra-low illumination CMOS
Total Pixels	2,0 Mega Pixels Progressive Scan
Resolution	1920(V) x 1080(H)
Video Output	HD-SDI/1.0Vp-p (75Ω, Composite)
Frame Rate	60Hz: 30FPS 1920*1080
Lens	HD professional 3MegaPixel lens 12mm
Sync System	Internal
Shutter Speed	1/50 (1/60)s - 1/10,000 s
White Balance	AWB / ATW / PUSH / MANUAL
WDR	Off/On (Adjustable)
3-DNR	Off/On (Low/ Middle/ High)
IR LED / Sensor	850nm 24 EA (Option; 940nm)
LED Lighting Distance	20 meter
Input/Output Connector	Power (Red Jack), Video Output (Yellow Jack)
Supplied Voltage	DC 10V~14V (Recommended DC~12V)
Power Consumption	Less Than 150mA
Water Resistance Rated	IP66 water resistant (Do not use High pressure washer)

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10-Year Camera Warranty Standard

Testudo Lifetime System Warranty Available

30+ Years of Mobile Digital Sales & Service Experience