SAFE **SF** FLEET

Driving Safety Forward™

DH-Series Recorders

Capture all the camera views you want for the level of safety and security you need on-board your buses

Record in full high-definition (1080p), HD (720p) or standard resolution for maximized return on your camera investment.

Kit A – DH8

8-Channel, High-Definition DVR

Record up to eight camera views in full high-definition (1080p) while maintaining support for existing HD (720p) and standard resolution (analog) cameras.

Get premium image quality, full motion video, and valuable extras such as built-in GPS and the latest wireless transmission standard, speed, acceleration, and geo-fencing alarms, plus remote DVR health monitoring via hardware and software options.

■ Versatility
Connect up to eight cameras in full high-definition (1080p) or up to twelve cameras with IP expansion.

■ Redundant Recording
Back-up SD Card for peace of mind.

■ Scalable
All-in-One – Wi-Fi Video download, Live Video Stream, Live GPS, Hotspot on the bus.

■ Proven Reliable
Tested against SAE-J1455 & MIL-STD-810 for electronic equipment used in heavy duty vehicles (includes shock, vibration, voltage fluctuations, and more).

■ Backwards Compatible
Backwards compatible with existing playback software, and equipment or reduce obsolesce to maximize previous investments.
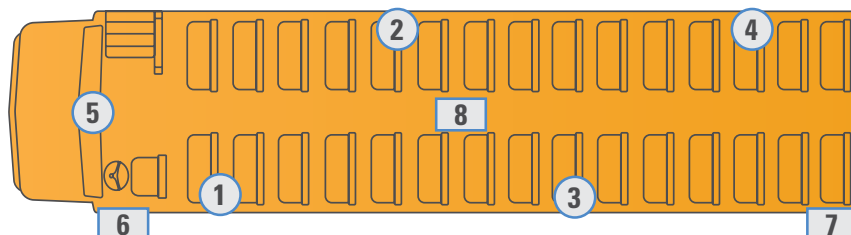
Optional Add-ons:

 Automatic Video Upload & Management

 Live GPS Tracking

 Live Video Streaming

Kit B – DH6

6-Channel, High-Definition DVR

Record up to six camera views in full high-definition (1080p) while maintaining support for existing HD (720p) and standard resolution (analog) cameras.

Get premium image quality, full motion video, and valuable extras such as built-in GPS and the latest wireless transmission standard, speed, acceleration, and geo-fencing alarms, plus remote recorder health monitoring via hardware and software options.

Versatility
Connect up to six camera in full high-definition (1080p).

Backwards Compatible
Backwards compatible with existing playback software, and equipment for reduced obsolescence to maximize previous investments.

Redundant Recording
Back-up SD Card for peace of mind.

Scalable
All-in-One – Wi-Fi Video download, Live Video Stream, Live GPS, Hotspot on the bus.

Proven Reliable
Tested against SAE-J1455 and MIL-STD-810 for electronic equipment used in heavy duty vehicles (includes shock, vibration, voltage fluctuations, and more).
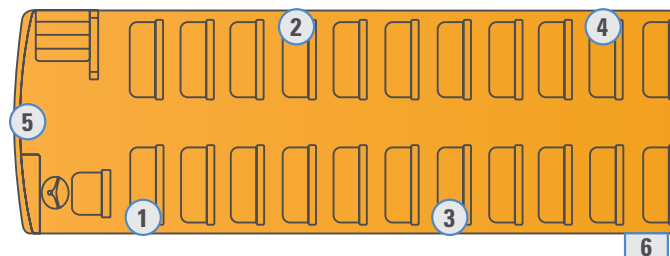
Optional Add-ons:

Automatic Video Upload & Management

Live GPS Tracking

Live Video Streaming

HD3S - 6mm Lens

Kit C – DH4

4-Channel, High-Definition DVR

Record up to four camera views in full high-definition (1080p) while maintaining support for existing HD (720p) and standard resolution (analog) cameras.

Get premium image quality, full motion video, and valuable extras such as built-in GPS and the latest wireless transmission standard, speed, acceleration, and geo-fencing alarms, plus remote recorder health monitoring via hardware and software options.

Full High-Definition Surveillance

Record from up to six built-in, full high-definition (1080p) channels or up to seven with IP expansion.

Hybrid Technology

Supports IP plus high-definition (720p) and standard definition analog cameras.

Remote Diagnostics

Remote diagnostic indicator provides recorder status (includes video loss) to the vehicle operator and advanced recorder health diagnostics are available on evidence management software.

Media Options

Up to 4TB primary storage and backup storage options up to 1TB.

Valuable Built-In Options, Now Standard

Standard options Wi-Fi and GPS enable automatic download and geo-tracking capabilities right out of the box.

Tested Tough for Heavy Duty Road Vehicles

Tested against SAE-J1455 & MIL-STD-810 for electronic equipment used in heavy duty vehicles (includes shock, vibration, voltage fluctuations, and more).
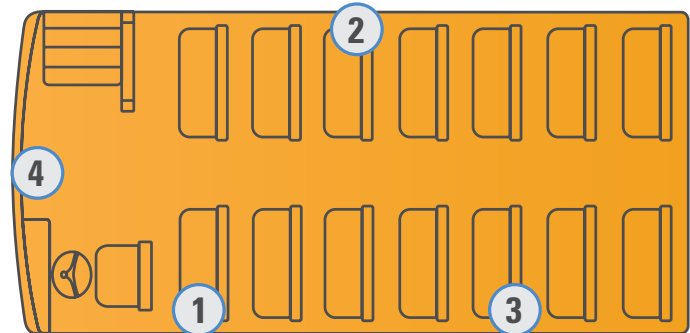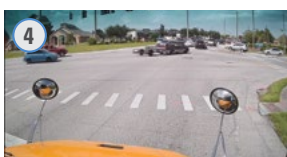
Optional Add-ons:

Automatic Video Upload & Management

Live GPS Tracking

Live Video Streaming

Safe Fleet
CONNECTED
School Bus
Optional Add-ons

STUDENT WI-FI HOTSPOT
Distance and Remote Learning

AUTOMATIC VIDEO UPLOAD & LIVE STREAMING
Wi-Fi or Cellular Uploading & Cloud Storage and VMS

LIVE GPS
Navigation, Routing, Tracking and Parent Notification

FEATURE	DVR REQUIRED	VIDEO OPTIONS				FLEET OPTIONS
		ROUTER	MODEM	LMU	WI-FI ANT	TABLET
Mobile Hotspot		✓				
Live GPS		✓ w/DVR	✓ w/DVR	✓		✓
Video Upload Wi-Fi	✓	✓	✓		✓	
Video Upload Cellular	✓	✓	✓			
Live Stream/Look-in	✓	✓	✓			
DVR Health Check	✓	✓	✓	✓	✓	✓
Route Compass		✓ w/DVR	✓ w/DVR	✓	✓	✓
Route Path		✓ w/DVR	✓ w/DVR	✓	✓	✓
Actual vs. Planned		✓ w/DVR	✓ w/DVR	✓		✓
Student Ridership RFID				✓		✓
Parent Live View Only		✓	✓	✓		
Parent Notification				✓		✓
Navigation						✓
Vehicle Inspection						✓

Hybrid Cellular and Wi-Fi Upload to the Cloud

Best of Both Worlds

REDUCE reliance on cellular network & costs of accessing your data

High Priority video is **immediately uploaded to the cloud via cellular**

Video that is not time sensitive gets **uploaded via Wi-Fi** when the **bus returns to Wi-Fi coverage**

CELLULAR TO CLOUD

5% of your video
needs fit this scenario

Storing your data on the cloud get you:

- Increased security:
  - » Verified by third-party auditors (SOC 2 and ISO 27001)
- Increased security, reliability and availability with Microsoft Azure Government:
  - » Originally designed for US Government, including the Department of Defense and the FBI
  - » Includes Criminal Justice Information Standards (CJIS) for handling evidence

WI-FI TO CLOUD

95% of your video
needs fit this scenario

The Best Solution **in fact**, consists of a combination of each of these.

CELLULAR ONLY
Cellular Upload to the Cloud

$$$$$

Variable bandwidth/variable costs

This approach avoids complexities associated with integrating to client network infrastructure

No need for local infrastructure

Requires higher cost cellular routers and cloud storage fees for volumes of data – even data that is less critical in nature

Increases limitations

- Only as good as your cellular connection

YARD WI-FI
Wi-Fi Upload to the Cloud

$$

Variable bandwidth/variable costs

This approach avoids complexities associated with integrating to client network infrastructure

No need for local infrastructure

Requires higher cost cloud storage fees for volumes of data – even data that is less critical in nature

On-Premise Hosted Video

$

Lower total cost of ownership

Reduced annual renewal costs

No data charges per bus, per month

Data only transmitted within Wi-Fi range

Safe Fleet leads the industry in security and compliance – certified!
Third-party audits and certifications available including SOC2 and ISO27001.

SAFE SF FLEET

Driving Safety Forward™

For more information:

Give us a call to speak with
a representative in your area:

> 1.877.630.7366

Learn how you can benefit from
our safety and efficiency solutions:

> **safefleet.net**

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