

## What Equipment Comes with a Mobile Video Solution for a School Bus?

A school bus driver has one primary goal: Transport kids to and from school safely. It can be a difficult task when distracted and/or negligent motorists ignore the laws regarding driving around school buses.

A mobile video solution helps school transportation directors keep students safe by catching violators and observing bus driver behavior. A camera configuration for a school bus slightly varies from a configuration used for a city bus, namely because school buses feature stop arms.

### Stop-Arm Camera

A stop-arm camera is located on either the left side of a school bus near the stop sign that extends when the bus has completely stopped or on the stop sign itself.

In the United States, it is illegal to pass a school bus that is loading or unloading children. Once the bus's flashing lights have been activated, even before the stop sign has been extended, you may not pass the bus on a standard two-lane road whether you are behind the bus or approaching from the opposite side. The laws vary by state regarding buses stopped on roads that feature two lanes or more in each direction.

The goal of the stop-arm camera is to identify violators and report them to the local police so they can be issued a citation, which can be hundreds of dollars.

Because violators are often speeding past parked or slowing buses, a stop-arm camera must be able to take a clear picture of not only the driver but also the driver's license plate. A high-definition camera generally is needed to record these details clearly, otherwise, the footage could be blurry or grainy.



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## Flush-Mounted Cameras

Many states require cameras on the inside of buses to be mounted flush with the wall or ceiling to prevent injuries to students or other passengers. These ultra wide-angle cameras can feature horizontal views of up to 180° and vertical views of 90°, capturing a large section of the bus. Interior cameras can be used to track student attendance, monitor driver behavior or document a complaint from a student.

## WDR Camera

A wide dynamic range (WDR) camera captures all the important details no matter how dark the surroundings are. WDR cameras feature a light image processor and a dark image processor, and by combining the two processors, they produce a clear, high-quality video or image by automatically brightening the dark areas and darkening the light areas.

Pro-Vision's AHD Forward-Facing Camera with Wide Dynamic Range is useful when school buses are traveling at night, for instance, while driving a sports team back home after an away game. After the sun goes down, any footage a normal dash camera records will be difficult to make out, but a WDR camera will automatically brighten up the dark areas for a clear picture.

## Data Management

Now that you've recorded some footage, how are you going to access, view and share that footage? There are several options for data storage, including on a local computer, network or on the cloud. Data management not only includes access, viewing and sharing footage, but it involves securely managing your data and tamper-proofing your video evidence.

Pro-Vision offers an optional evidence management program, SecuraMax, which is a CJIS-compliant solution that simplifies the tagging, encryption, redaction, retention and secure sharing of video evidence. SecuraMax allows you to request video, blur faces automatically and share footage with individuals either inside or outside your organization.

Mobile video solutions help protect your children to ensure everyone arrives at their destination safely.

## About Pro-Vision

Founded in 2003, Pro-Vision is a leading video technology solutions provider trusted by thousands of organizations in 58 countries. Pro-Vision solutions include vehicle video recording systems, body-worn cameras, data management and cloud-based storage solutions. Pro-Vision's transit, law enforcement and commercial partners utilize these solutions to enhance safety, increase productivity and protect critical assets.



### PRO·VISION VIDEO SYSTEMS

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