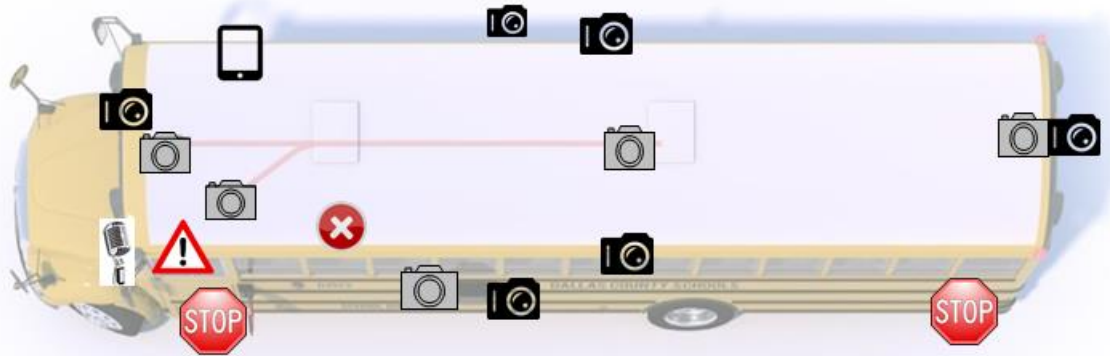


Technology has become a part of Judson ISD Transportation. All JISD School Buses are video camera ready. Below is a diagram of the technology being used on a school bus.



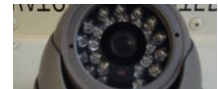
FXS Panic Buton - Driver can signal an emergency by using a small button located near the driver's foot or mounted on equipment panel.



FXS Automatic Vehicle Locator - The AVL's GPS and Accelerometer system reports live telemetry data that is also archived for historical reports.



FXS Interior Cameras - Interior cameras cover all passengers, driver, and door well. Video is constantly recording and can be accessed live or from the included DVR's archive.



FXS BusGuard Tablet with Student Manifest - Our rugged tablet provides turn-by-turn navigation, keeps accurate driver & ridership information with its student manifest, and can be used as a back-up camera monitor.



FXS Driver Direct Link - The FXS Driver Direct Link VOIP system allows real time communication via 3G/4G cellular and can be used for risk management, safety, and training purposes.



FXS Exterior Cameras - Our exterior facing cameras capture and record the rearward view, passenger loading zone, and the view out the windshield and can help identify suspicious vehicles following the bus.



FXS Traffic Manager
Multiple stop arm cameras monitor traffic across four lanes in both directions. Monitoring staff witness violations, process evidence, and forward infractions to law enforcement.



School bus stop-arm programs

School bus stop arms exist to protect children as they are picked up or dropped off by a school bus. Passing a stopped school bus with the stop arm extended is illegal.

Cameras are turned on when a bus stop arm extends. Violations are captured on cameras and violators may face fines up to \$300.

Stopping for the stop arm

All traffic coming from both directions must stop when a school bus extends its stop arm to pick up or drop off children on two-lane roadways.

Two-lane roadways with a center turn lane require vehicles in all lanes to stop.

A four-lane roadway without a median separation requires all vehicles in the opposing and adjacent lanes to stop.

On a highway of four lanes or more with a median, only the traffic following the bus is required to stop.