



Bendix® Wingman® Fusion™
The integration of camera, radar, and brakes delivers
a new level of performance for School Buses.



The Most Advanced Safety System
Ever for a School Bus Application



Bendix safety technologies complement safe driving practices. No commercial vehicle safety technology replaces a skilled, alert driver exercising safe driving techniques and proactive, comprehensive driver training. Responsibility for the safe operation of the vehicle remains with the driver at all times.

Wingman® Fusion™ integrates camera*, radar, and brakes into a comprehensive driver assistance system more powerful than other safety technology combinations in the North American school bus market today.

Bendix® System Comparison

Wingman Fusion, our most advanced safety system yet.

Bendix® Wingman® Advanced™
Bendix® Wingman® Fusion™

Feature

Collision Mitigation (functions whether cruise control is set or not)

At speeds above 15 mph:

- Stationary Vehicle Braking can automatically alert the driver up to 3.5 seconds before impact and apply vehicle brakes if the large, stationary, in-lane object is definitively identified as a licensed motorized vehicle ■
- Enhanced Collision Mitigation potentially removes up to twice as much vehicle speed as current collision mitigation systems ■
- Collision Mitigation automatically applies the foundation brakes to mitigate, or potentially prevent, a potential collision with a forward moving vehicle ■ ■

Adaptive Cruise Control with Braking (functions when cruise control is on and speed is set)

- Reduces throttle, engages engine retarder and applies foundation brakes to help the driver maintain a set following distance behind a forward vehicle ■ ■

Alerts (are always available whether cruise control is engaged or not)

- Overspeed Alert & Action – with two levels of action, at speeds over 20 mph, Fusion can read speed limit signs and notify the driver and fleet of overspeed travel ■
- Alert Prioritization – only the most critical alert is sounded to the driver to minimize distractions during potentially severe events ■
- Lane Departure Warning – Above 37 mph, a “rumble strip” sound alerts the driver to unintentional lane departure ■
- Following Distance Alert – At speeds over 5 mph, audible and visual alerts let the driver know when they are getting too close to the forward vehicle ■ ■
- Impact Alert – Above 15 mph, audible and visual alerts warn the driver that a collision with the forward vehicle is likely and that they should address the situation immediately ■ ■
- Stationary Object Alert – When a large metallic object(s) may be blocking the lane of travel, above 10 mph, the driver receives audible and visual alerts up to 3.0 seconds before potential impact ■ ■

Integrated with SafetyDirect®

- Two-way communication channel and Level Two overspeed video capture ■
- Severe event video is captured during collision mitigation event ■
- Compatible with most telematics providers ■ ■

Electronic Stability System

- The Bendix® ESP® full-stability system helps drivers mitigate rollovers and loss-of-control situations on wet and dry roadways ■ ■

■ ■ Denotes system feature



See for yourself how Wingman Fusion is revolutionizing fleet safety. Visit safertrucks.com/fusion or talk to your account manager today.

*The camera is powered by the Mobileye System-on-Chip EyeQ processor with state-of-the-art-vision algorithms.

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