



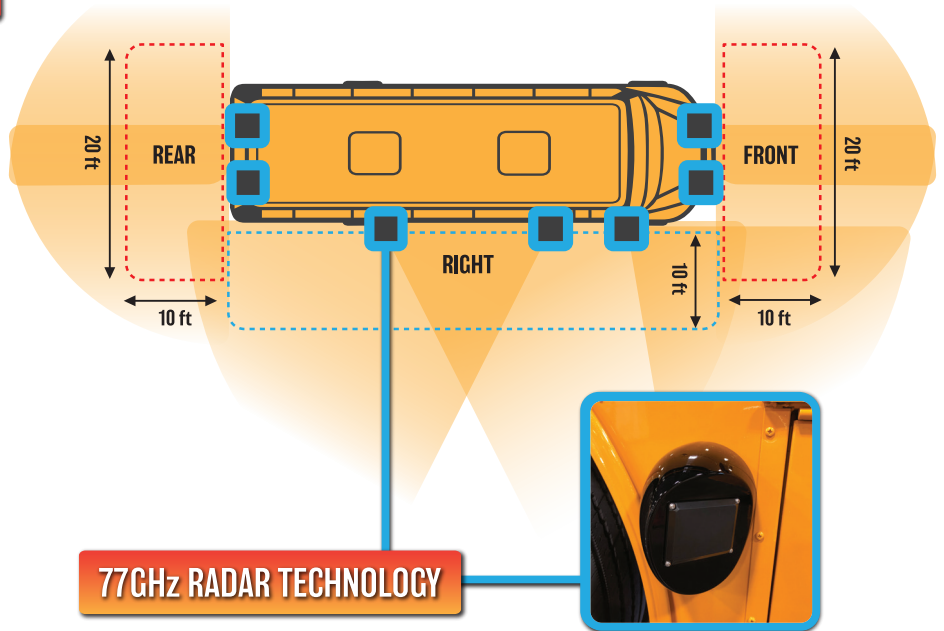
Because every mile matters.<sup>SM</sup>



# Pedestrian Detection System: 77GHz Radar Technology

## WHAT IS IT THAT WE PROVIDE?

- The Pedestrian Protection System is a revolutionary danger zone protection system for operators and students during bus loading and unloading.
- The Pedestrian Protection System provides 3 zones of coverage in the front, right and rear of the bus. The operator is given 2 levels of notification via exterior and interior indicators.
- The primary indicators are intuitively located on the crossview mirrors and provide a visual alert using yellow and red LEDs. Additionally, front zone visibility is enhanced by automatically activated LEDs in low light situations.
- The secondary indicator display is dash mounted and features a multicolor 8.5" screen. The indicator provides visual location of pedestrians, system readiness, and system diagnostics. The indicator display has been ergonomically optimized for the best viewing angle and glare reduction.
- State of the art 77GHz radar technology is the heart of the system, employing an industry-first 7 sensor overlap design to alleviate blind spots & false alerts. The millimeter-wave radar sensors feature the highest resolution detection and accuracy in the market.



The Stage 1 indicator glows YELLOW indicating there is a pedestrian in the CAUTION ZONE which is 6 to 10 ft from the bus.



PRIMARY EXTERIOR MIRROR INDICATORS

The Stage 2 indicator glows RED indicating there is a pedestrian in the CRITICAL ZONE which is less than 6 ft from the bus.

INDICATOR DISPLAY

LED GROUND ILLUMINATION



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