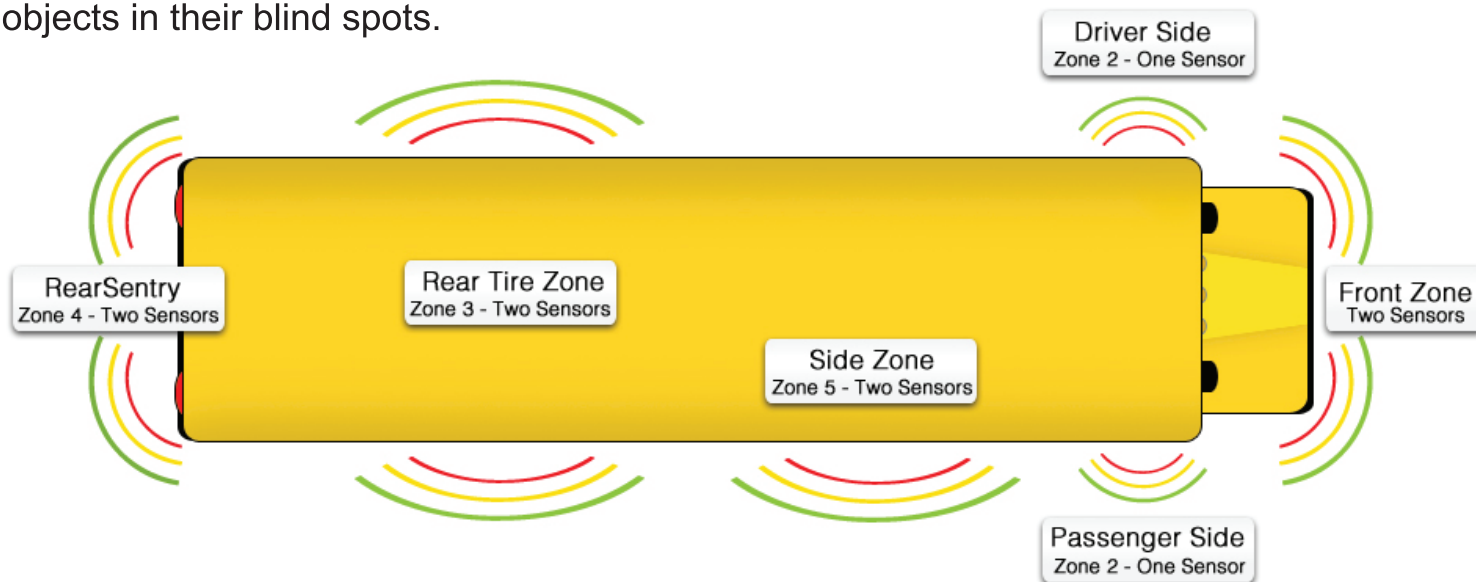


Student Detection System (SDS)

Using an array of durable sensors mounted along the undercarriage of a bus, the Rostra Student Detection System (SDS) audibly and visually alerts drivers to the presence of objects in their blind spots.



SDS Microwave Sensor

Through the use of reflected radar waves generated by the SDS under-bus sensors, the system immediately detects children if they enter specified danger zones in the front, rear or sides of the bus as they board and exit. The sensors communicate the intrusion to the audio/visual display alerting the bus driver to the presence of a child.

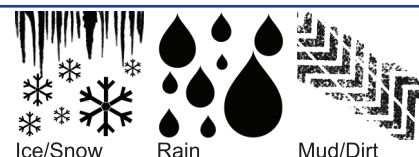


SDS Audio/Visual Display

The on-screen display provides real-time information to the bus driver about the danger zones surrounding the bus. When no intrusion is detected, the image of the bus on the included LCD screen lets the driver know that the area is clear through the use of a green icon. If a child or other object is detected within the danger zone, the icon flashes red while sounding an alarm informing the driver not to move the bus until the zone has been cleared.

SDS All-Weather Capability

The Rostra Student Detection System is unparalleled in its ability to operate in a variety of harsh conditions with no external cleaning required.



American Manufactured



The Student Detection System is manufactured in North Carolina in an ISO 9001 and TS 16949 quality certified facility.