



Intelligence School Bus Surveillance Solution Security Enhanced in moving vehicles with AI Cameras





Introduction

Car accidents causes can mostly be connected to driver distraction or misjudgment. For this reason, the development and implementation of vehicle safety systems have grown, especially in the last decades. The Intelligence School Bus Surveillance Solution increases to video analysis to reduce crashes and monitor the entire vehicle and ensure students remain safe to and from school.



Oncall



Eat



Use phone



Smoke



Drowsiness



Distraction

Challenges

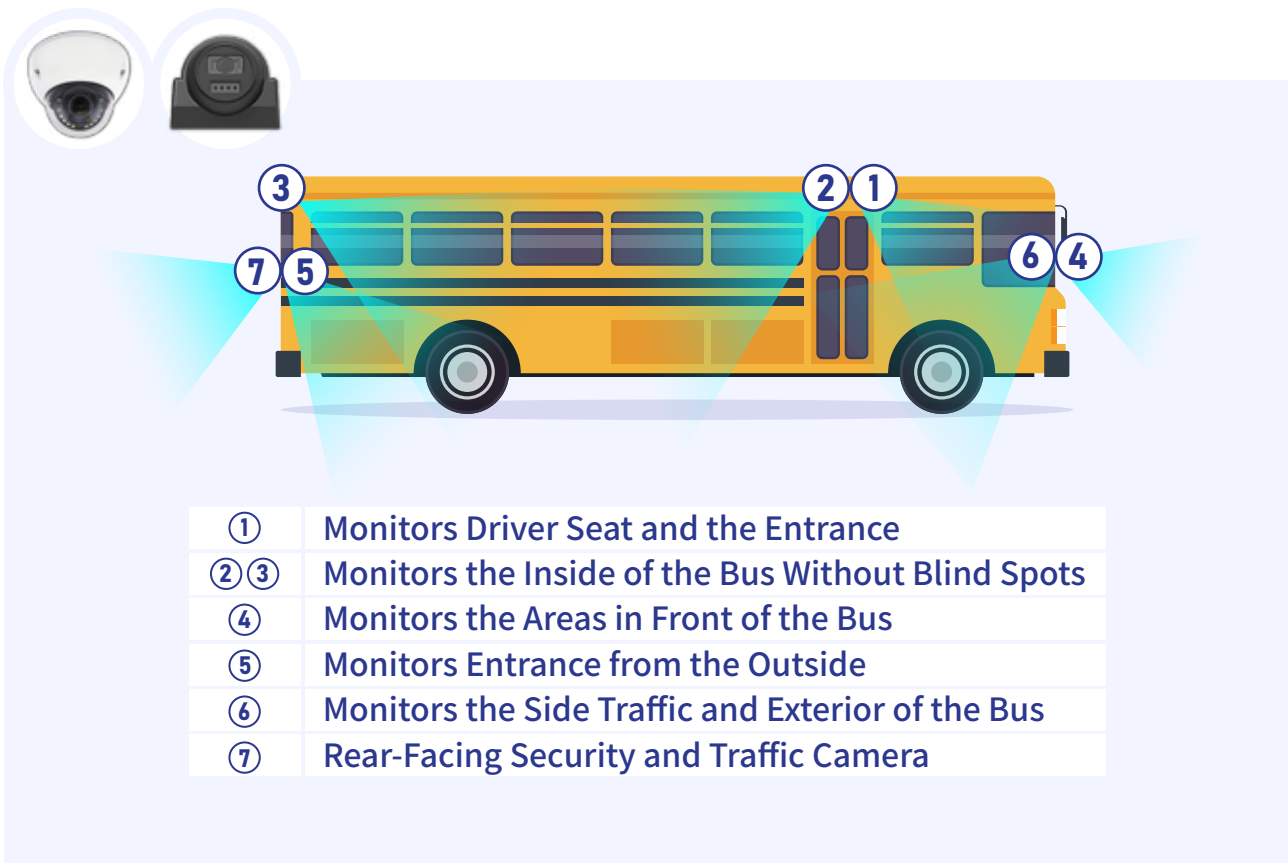
The Intelligence School Bus Surveillance Solution could make future mobility more efficient, safer, and more inclusive. The school bus is crucial in telematics as many safety issues need to be monitored. As all the passengers are teenagers, locating is not enough for parents and schools' demands. As some drivers will refuse to take the responsibilities for accidents, videos and driving behavior analysis become a critical role in the school bus operation. As much as school districts can prepare for emergencies, not every situation is predictable. Sometimes the video footage from bus cameras is the only evidence of what happened and the only proof of bus driver innocence.



Solution

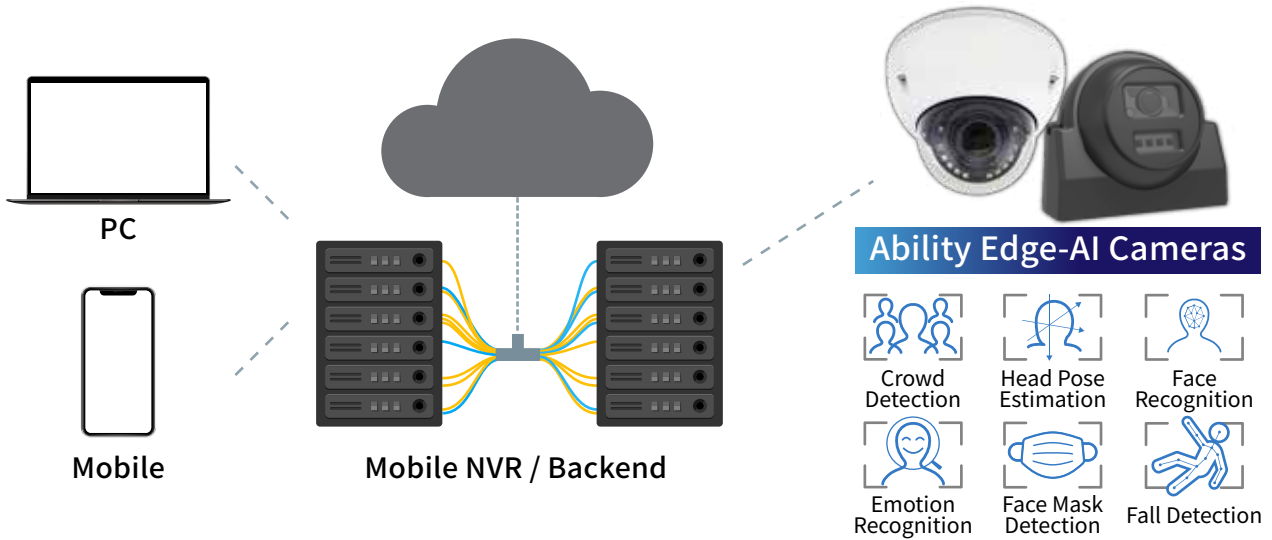
Ability's Edge-AI cameras are powered by Intel® Movidius™ Myriad™ X MA2485 VPU, support 4K@30 FPS data streaming, and are certified with IP66.

AI application for School Bus surveillance which the market has infiltrated into various specialized applications such as



The safety of children is a priority. We can supervise drivers to prevent unsafe driving and possible accidents, capture the bus' s interior and exterior for comprehensive monitoring, monitor the entire vehicle, and ensure students remain safe to and from school.

System Architecture



Result

There has been an exponential increase in School Bus surveillance usage across the globe due to an exponential rise in the popularity and use of artificial intelligence techniques in various applications.

The Intelligence School Surveillance Solution represents an excellent solution to many school bus security issues. With AI cameras, you can keep a close eye on students and drivers' behavior while always having footage available if there are disputes between drivers, students, and/or parents. School Bus surveillance has gained immense popularity because of its adaptability, which permits better security for school buses, trucks, and public roads.





A Leading Manufacturer of AI Cameras & Sensors -Innovative ODM/OEM service provider-

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