


# Public Transportation – Bus Inspection



IR camera

Regular inspection of tire air pressure is necessary to ensure safety, reduce fuel cost, optimize tire life, and driving performance. Buses must do this on a large scale and it can be a strenuous and time consuming task.



**Solution:**

An infrared camera is used to view the surface temperature of the tires. Tires that are not inflated properly will have varying heat. Additionally, the IR camera can be used to detect defects in the vehicle's brakes. If there is an absence of heat from the vehicle's brake detector when it is stopping, it means the brakes are not working properly.

This system can also be used by the highway patrol to inspect and scan trucks as they are moving along the roads or at weigh stations when they stationary.

