

PYROLINE FireCheck

Early Fire Detection System for Traffic Monitoring

Very high damage of persons and objects can be caused by burning vehicles in regions of high security requirements like street tunnels.

Fire of vehicles is often caused by overheated parts (like tires) which can be detected by the **PYROLINE FireCheck** system before a fire arises.



Features

- Real-time traffic flow monitoring
- Uncooled infrared line cameras PYROLINE to detect high temperatures
- Automatic image processing with special software
- Triggering of existing information systems and traffic control systems
- Reference system on the BAB 17 in Germany

Vehicles with a risk of fire or already burning can be stopped by such a system to prevent an entering of regions with high security requirements.

Two fast uncooled infrared line cameras PYROLINE per traffic line are scanning the running traffic to measure the temperature distribution of the vehicles.

The image processing software determines dangerous overheating of tires and cargo load, triggers alert if thresholds are exceeded and identifies the vehicle by a video image.

Traffic control and information systems can stop affected vehicles in good time for a manual inspection.



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