



**LIGHT AT THE END
OF THE TUNNEL!**



TECH SPEAKS – BRIEF

Seamless video surveillance is essential for the safety of particularly hazardous road and rail sections in tunnels. Technology is creating smarter and safer tunnel by combining cloud computing and artificial intelligence (AI) with advanced sensor technologies.

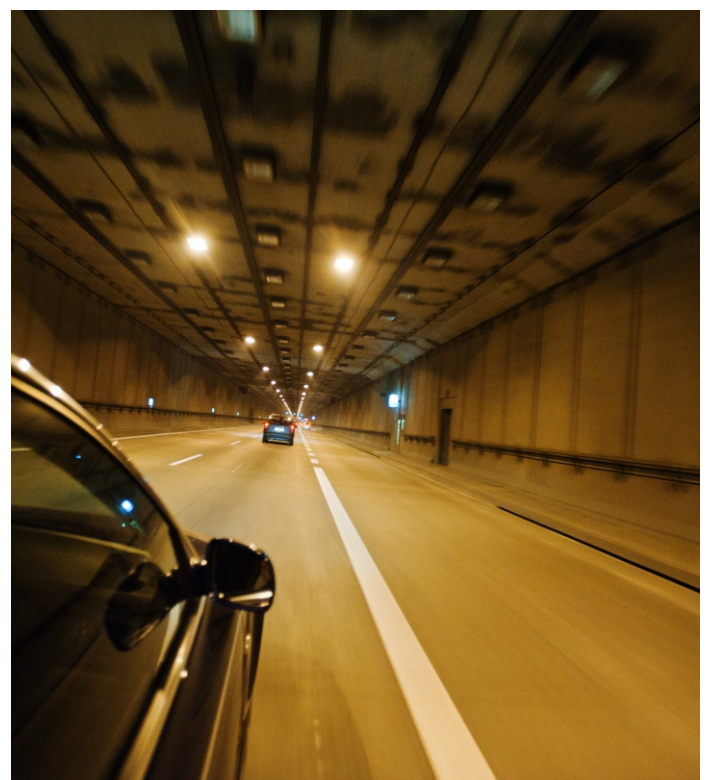
WavesysGlobal



Smartening surveillance in the tunnels is essential to detect and act on issues before they turn into problems.

LIGHT AT THE END OF THE TUNNEL!

Tunnels are dark areas, tunnels are short in length, and most end as soon as they begin; there isn't much room for anything to happen there, so surveillance is just trivial! Is that right? Absolutely not... As a matter of fact, the darkness evokes playfulness in many, adding to that is the narrow structure & curves of tunnels making them prone to accidents when not cautious. The probability of an accident in the tunnels might be slim, but even one accident has much more serious implications in a tunnel than outdoors. And since it is hard to place human surveillance in tunnels, smart surveillance is the only option.



How does CCTV surveillance help?

- CCTV surveillance throughout the tunnel guarantees that safety precautions are employed instantly in case of a mishap
- Full tunnel surveillance enables security personnel to undertake the correct decisions based on the situation.



- It can alert playful drivers, thereby reducing the risk of accidents and further ensuring smooth transport.
- It assists in investigating accidents by giving a good view of the incident.
- The Automatic Incident Detection (AID) system helps in the proactive detection of smoke, fire, accidents, traffic jams, etc.

Incorporating smart surveillance in every tunnel, big or small, will help the economy by saving funds that might otherwise get spent on unnecessary accident-spot repairs. Not just that, the next time you walk or drive through a dark isolated tunnel, you will feel safe and assured knowing that there is a light watching... not just at the end of the tunnel, but throughout.

Various series of Wavesys camera support Machine learning based as well as deep learning-based analytics. In a crowd or in the traffic, WVCA tracks stationary and moving targets, classifies objects, and cross-checks data to trigger events occur in the tunnels .



Wavesys Global specializes in Licence plate recognition module,Face recognition module, Video Content Analytics, Video Management Software, IP Cameras and IP Access Control Solutions. Waveys Global offer complete analytics suite with features like speed violation, counting, people tracker, zone & lines, object classification, pattern recognition, post estimation and many more.

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