

RoadflowSignal

Protecting Lives With Intelligent Level Crossing Enforcement

Roadflow Signal, developed by Intelliscope Ltd, is an advanced enforcement system designed to deliver continuous, unattended monitoring of stop line offences at level crossings. By combining proven video analytics with robust design, the system detects crossing activation and vehicle incursions in real time—helping prevent dangerous violations that put both motorists and rail passengers at risk.

Built to perform reliably in low light and severe weather conditions, Roadflow Signal provides clear, actionable evidence of misuse. This evidence is reviewed by police authorities and can lead to penalties including fines, driver bans, or enrolment in red-light awareness courses.

With its 24/7 operation and intelligent analytics, Roadflow Signal significantly strengthens enforcement, improves compliance, and enhances safety where road and rail meet.



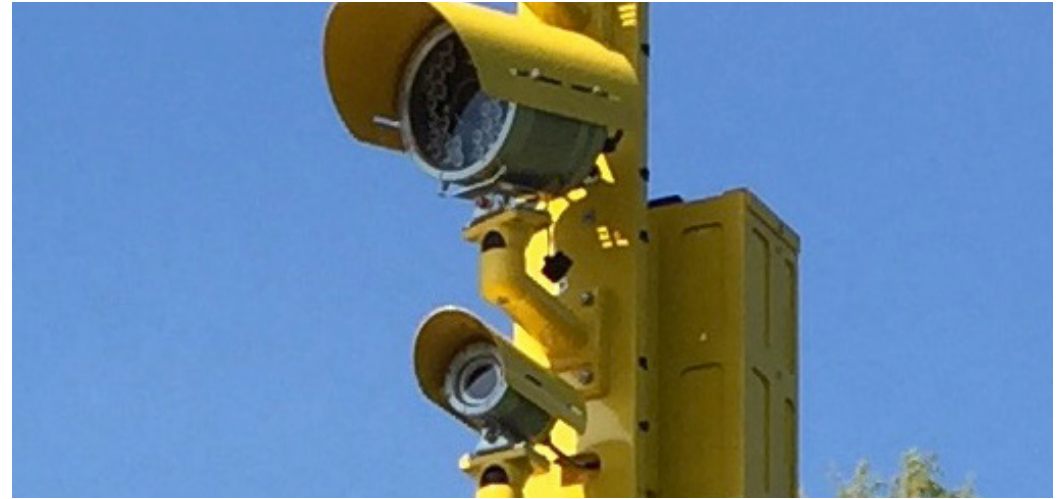
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FEATURES

- › Home Office Type Approved
- › Low power consumption: can be powered from existing power supplies in adjacent street furniture
- › No direct connection to crossing or signals required
- › Does not require railside working
- › Does not affect crossing certification
- › Mobile Data communications
- › Automatic evidence pack generation and secure transmission without operator input
- › Highly visible 6m column provides maximum visual deterrent
- › Folding column with separate electrical feeder pillar
- › Additional IR illuminator for dark sites
- › Adjustable zoom for optimal set up

BENEFITS

- › 24/7 unattended enforcement and adaptable for specific site geometry
- › Wide input power range; can use 110VAC to simplify installation
- › Operates in low light and severe weather conditions
- › Integrated health monitoring and anti-tamper warnings
- › Folding column allows maintenance at ground level
- › Can be used to underpin risk assessments for increasing existing line capacity
- › ANPR camera can work down to 0 lux with integrated IR illumination
- › Improved driver behaviour with proven 86% decrease in driving offences



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