



RecoTraffic Lane Guard

*Dedicated Bus Lane
Enforcement System*

RecoTraffic Lane Guard

*In the bustling metropolis of Kuala Lumpur, peak-hour traffic congestion poses a significant challenge to urban mobility. Recognising the need for sustainable transportation solutions, we present a game-changing innovation: **RecoTraffic Lane Guard**.*

This cutting-edge system addresses the critical issue of unauthorised vehicle intrusions in dedicated bus lanes, paving the way for enhanced traffic management and improved public transportation efficiency.

With RecoTraffic Lane Guard, we offer a cost-effective and scalable solution designed to empower bus drivers and traffic authorities alike. By equipping buses with hassle-free, mobile-connected dashcams, we ensure seamless real-time data transmission, enabling swift and effective enforcement of bus lane regulations. Leveraging advanced AI technology, our system autonomously detects and records unauthorised vehicles obstructing bus lanes, providing comprehensive data for detailed reports and strategic enforcement actions.



Key Features



Effortless Operation

One-click activation for bus drivers



AI Technology

Automatic detection and recording of violations



Comprehensive Data

Capturing images, location, and time for detailed reports



Effective Enforcement

Accessible data for summonses and swift actions



Hotspot Detection

Identifying violation hotspots for strategic enforcement



Public Awareness

Message boards display violator details to deter offenders

Why choose **RecoTraffic Lane Guard**?



IMPROVED PUNCTUALITY

Unobstructed lanes enhance bus punctuality



REDUCED CONGESTION

Increased ridership eases peak-hour traffic



COST-EFFECTIVE

Minimal integration costs, leveraging existing technology from just RM50 a month



ENHANCED SAFETY

Designated lanes reduce accidents and hazards



SUSTAINABLE MOBILITY

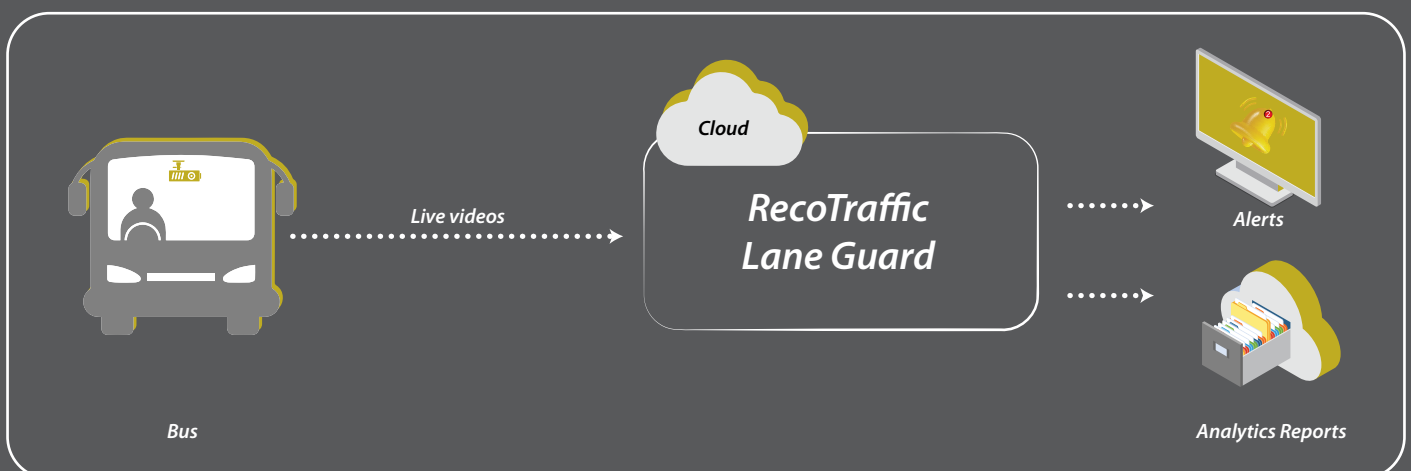
Encourages public transportation, aligning with sustainability goals



FINANCIALS

Exceptional return on investment foreseen, impacting traffic, public transport use, and road safety positively

System Architecture



How it Works?

1

Installation: The RecoTraffic Lane Guard system is installed on buses operating within dedicated bus lanes in Kuala Lumpur. This involves equipping buses with mobile dashcams and integrating them with the central monitoring system.

2

Activation: Bus drivers can activate the Lane Guard system with just one click, initiating the monitoring process as they enter designated bus lanes during their rides.

3

AI Detection: The system utilises advanced AI technology to autonomously detect and capture any unauthorised vehicles that intrude into the dedicated bus lanes. This includes capturing images, location data, and timestamps of the violations.

4

Real-Time Data Transmission: The captured data is transmitted in real-time to the central monitoring system, providing traffic authorities with immediate visibility into bus lane violations as they occur.

5

Comprehensive Reporting: The system generates comprehensive reports detailing the nature and frequency of bus lane violations, including images and other relevant information. This data allows traffic authorities to analyse patterns, identify hotspots, and strategise enforcement actions effectively.

6

Enforcement Actions: Traffic authorities can access the data collected by RecoTraffic Lane Guard to issue summonses and take swift enforcement actions against violators. This may include issuing fines or penalties to deter future violations.

7

Public Awareness: In addition to enforcement actions, RecoTraffic Lane Guard also contributes to public awareness efforts by displaying violator details on message boards along the bus lanes. This serves as a visual deterrent, reminding motorists to comply with bus lane regulations.



Contact Us

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