



RecoTraffic ITA



Intelligent Traffic Analyser (ITA)

ITA is an image-based traffic analysis solution that requires low band-width, designed to enhance road safety and enforce traffic regulations.

Using the latest machine learning technology, ITA provides an automated process for highway operators and the local council by reducing the number of manpower deployed to observe traffic condition and violation manually.

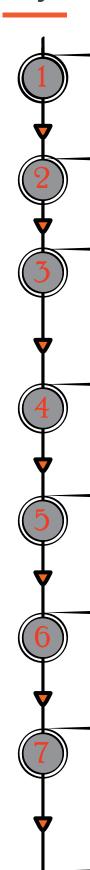
Its simple integration makes ITA an easy-to-use plugin for any existing CCTV setup. Designed for operation efficiency, its bandwidth consumption is minimal as it only requires an image to run.

With the ever-increasing number of vehicles on the roads, managing traffic flow, ensuring compliance with traffic rules as well as regulations has become a significant challenge for traffic authorities. The ITA offers a technologically advanced approach to tackle these issues effectively.

The ITA is designed to perform intricate analysis and detection algorithms, efficiently handling the heavy computational workload. This enables real-time detection and instant alerts for any identified anomaly in traffic and violations which enables prompt response and enforcement from the authorities.

In addition, ITA provides valuable analytics and reporting capabilities where the data can be utilized to monitor traffic patterns, identify areas prone to violations, and implement appropriate measures for effective traffic management and enforcement strategies.

Key Features



Real-time Traffic Monitoring

Our software provides real-time monitoring of traffic flow and conditions, allowing you to quickly identify bottlenecks and congestion areas.



Real-time Violation Detection

ITA is able to detect illegal u-turns and illegal parking in real-time.



Analytics & Reporting

Our advanced analytics tools help you analyse traffic data and identify trends and patterns, providing you with the information you need to make informed decisions about how to direct traffic more efficiently.



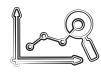
Real-time Alerts

The system generates real-time alerts as soon as an anomaly in traffic or violation detected, providing instant notifications to relevant authorities.



Predictive Modelling

Our software can predict future traffic patterns based on current and historical data, helping you proactively manage traffic flow and reduce congestion.



User-friendly Interface

Our software has a user-friendly interface that makes it easy to access and analyse traffic data.



Scalable Solution

Our Intelligent Traffic Analyser System Software is scalable and can be customized to meet the specific needs of your city or community.



Integration with Existing Systems

ITA can integrate with existing traffic management systems, law enforcement databases, and citation processing systems.



ITA Benefits



Fast, Reliable and Stable



Data Driven Insights



Easy Integration



Support Onvif Compliant CCTV



Efficient Enforcement



Improved Traffic Safety

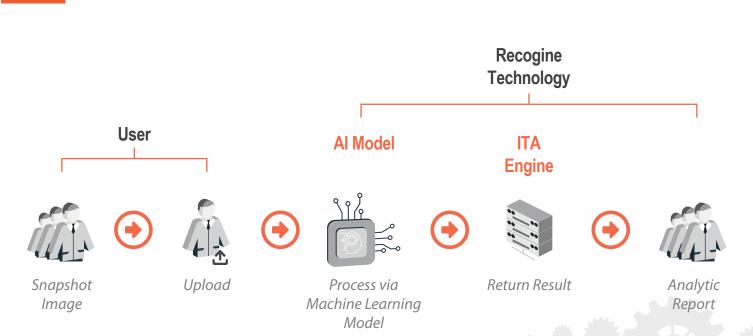


User-friendly Configuration and Operation



Low Installation Cost

System Architecture



ITA Traffic Report









HOW ITA TRAFFIC REPORT WORK

1 Snapshot image from CCTV

System indentifies the congestion level from snapshot image

2) System performs traffic analysis

4 Congestion level notification



www.recogine.com

Smart and Secure Living for All

RECOGINE TECHNOLOGY SDN BHD (705355-K)

No. 29, Jalan Putra Mahkota 7/8B, Putra Point Business Centre, Putra Heights, 47650 Subang Jaya,

Selangor, Malaysia. Tel: +603-5101 9043 Fax: +603-5101 9059

Email: sales@recogine.com Website: www.recogine.com Linkedin: Recogine Technology

©2023 Recogine Technology. All Rights Reserved.