

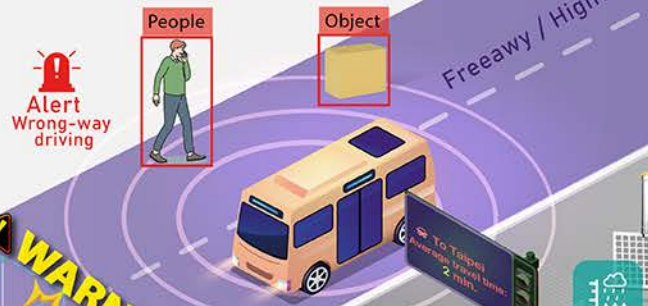
# Intelligent AI Transportation Detection System



**ITS VDS** Detection and statistics of traffic flow for each lane.

- Extension of technology for law enforcement applications:
1. Traffic flow in all directions.
  2. Traffic flow for turning at intersections.
  3. Main lane traffic flow detection. (vehicle type recognition)

**ITS IID** Detection of vehicles and wrong-way driving on the main road, as well as scattered objects or people on the road.



• Display Wall / Management Center



**WARNING**

• Travel Time

To Taipei		To Taichung	
Time	Car NO	Time	Car NO
09:42:10	AB1234	09:42:10	AB5678
11:40:10	AB1234	10:40:10	AB5678

**ITS AVI** Automatic recognition of license plates of passing vehicles.

**ITS QLD** Traffic flow detection and analysis system for QLD interchanges and expressways.



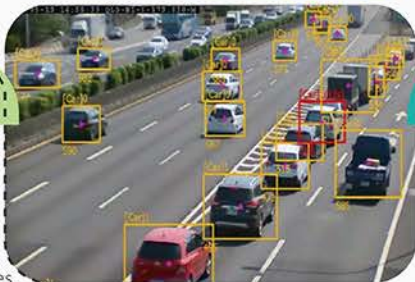
Including applications such as traffic congestion detection, vehicle turning detection, incident detection, etc. It achieves intelligent management and scheduling of urban traffic through intelligent transportation systems.

## ■ Feature Applications

### ITS-QLD

**Congestion Detection**

Application for congestion management at highway interchanges.



### ITS-AVI

**License Plate Recognition**

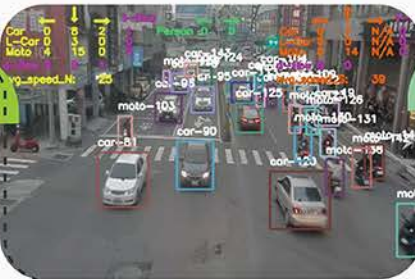
Automatic recognition of license plates of passing vehicles.



### ITS-VDS

**Vehicle Flow Detection**

Application for traffic flow turning detection at urban intersections.



### ITS-IID

**Incident Information Detection**

Application for tunnel traffic safety event management detection.



## ■ System Architecture Diagram

