

TT SMART VISION

Vehicle Counting System



TT SMART VISION CO., LTD.

ระบบตรวจจับและแยกประเภทยานพาหนะ

Smart-Vehicle Counting System

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Live Report

	15 นาที	30 นาที	60 นาที	1 วัน
รถจักรยานยนต์	4	4	4	4
รถยนต์ 4 ล้อ	28	28	28	28
รถบรรทุก 6 ล้อ	0	0	0	0
รถบรรทุก 10 ล้อ	1	1	1	1
รถพ่วง	0	0	0	0

ข้อมูล Real time

No	Pic	ประเภท	Speed	เวลา
33		รถจักรยานยนต์	Speed : 62km/hr	2017-04-30 16:02:46
32		รถยนต์	Speed : 185km/hr	2017-04-30 16:02:46
31		รถยนต์	Speed : 110km/hr	2017-04-30 16:02:45

Area Setting

พื้นที่จราจรทั้งหมด none

The system composing of 2 engines, which are 1.Vehicle Detection engine can detect the type of the vehicles pass-by the high resolution IP camera such as motorcycle, car, truck. 2.Vehicle Counting System can count the number of vehicles pass-by on the road over two detection lines which can provide the speed of vehicle information.

The system can provide the reports and real time information can be used for analysis purpose.

Software Specification

- Vehicle that can be counted, which are motorcycle, car, truck.
- The system can count multiple vehicles at once.
- The system provide reports which can provide information for management
- Supports databases. SQL, MySQL, Oracle, Postgres

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Camera specification

- High Resolution Network Camera at least 3MP or better.
- 8-50mm Varifocal Lens which can adjust the lens distance to get the desired image range.
- Infrared for night vision
- The camera supports IP66-rated base when used outdoors.

PC CPU Specification

- Processor Corei7 Gen6 Speed 2.6GHz, 8GB RAM, 1 TB HDD Windows 7 Professional/Windows 10 Professional
- Webserver Kit (for central administration)

Recommended Camera Installation

- The position of the camera is located in a high angle. Overview of the lane to cover whole area of detection area to count the number of vehicle pass through two line of detection
- The camera angle facing down to see all vehicles to track the car.
- In the camera to capture the car to count the number of vehicles will not be blocked. To get accurate information.

System Restrictions

- Network Camera used should be a at least 5MP high resolution camera.
- View and position of the camera. Must be tested before actual installation. For the most accurate and accurate results.
- The camera mount must not be subjected to vibration. This will effect the accuracy.

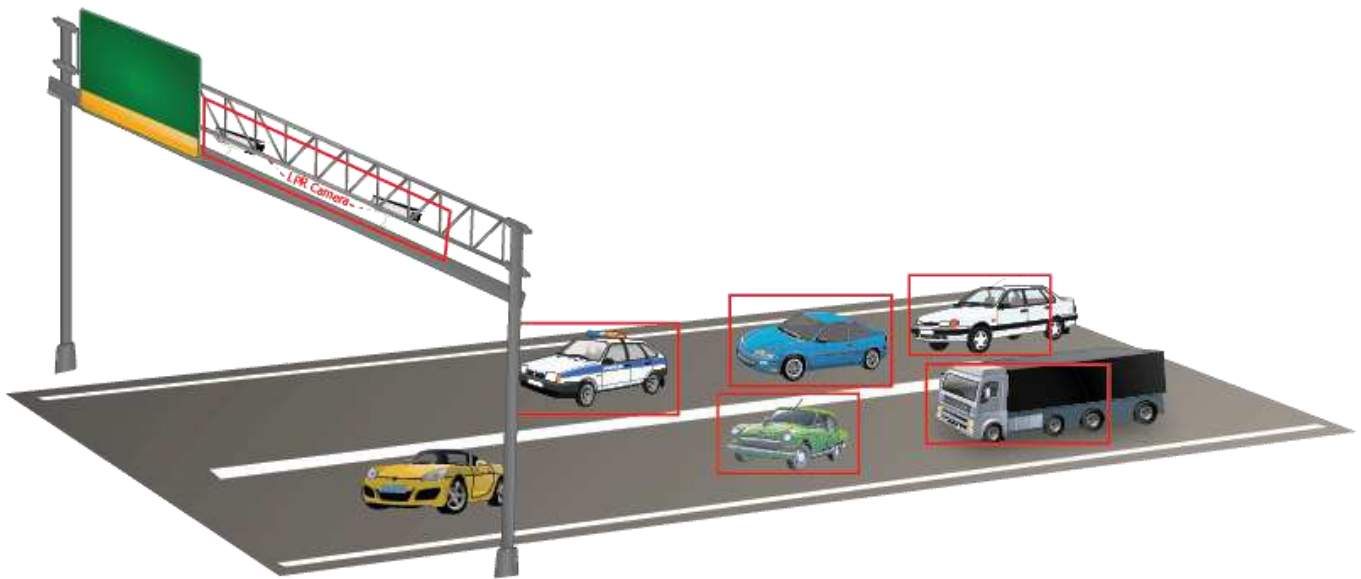
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Vehicle Counting System Diagram



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