



M³ Module: Red Light

Red light enforcement solutions **detect vehicles that drive straight through a red traffic light.**

The result of this solution is to provide a list of potential red light runner violators, including:

- Vehicle speed,
- Image before, and during the red traffic light display, or record a video clip,
- Indicate the red light status in each image,
- Orange light duration before red light.

The hardware set-up requires the exact status and timing of the traffic lights to be able to unambiguously and precisely determine the red light runner violation.

This is quite possible either using a **hard-wired signal direct from the controller** or just by **precisely positioning the ANPR camera**, whereby the latter is able to monitor the real-time traffic light status.

Furthermore, a **virtual loop**, also referred to as an 'ROI' (region of interest), can be predefined within the camera image. If the vehicle enters into this monitored ROI within a predetermined time window when the red traffic light time duration has been triggered, it is indeed possible to grab and define a potential violator and **prove the infraction.**

There are indeed two possibilities to be able to monitor the intersection, by detecting from the rear or from the front. Both options are indeed possible but require different hardware setups.



Key Features

- **Powerful** safety device
- **Reducing** red light runners
- **Increasing safety** at intersections
- **Assist local law enforcement**
- **End to end solution**, from crossroad detection to fee distribution

