

ALPR Country Independent Engine
Latin, Arabic & Thai Characters.

ALPR character Height
Minimum 14 pixels, Maximum 70 pixel

Traffic Light Detection
Automatic detection of red, amber & green lights

Configurable Grace Period
Red time-delay user configurable

Interfaces
Helix-6 or third-party outputs available

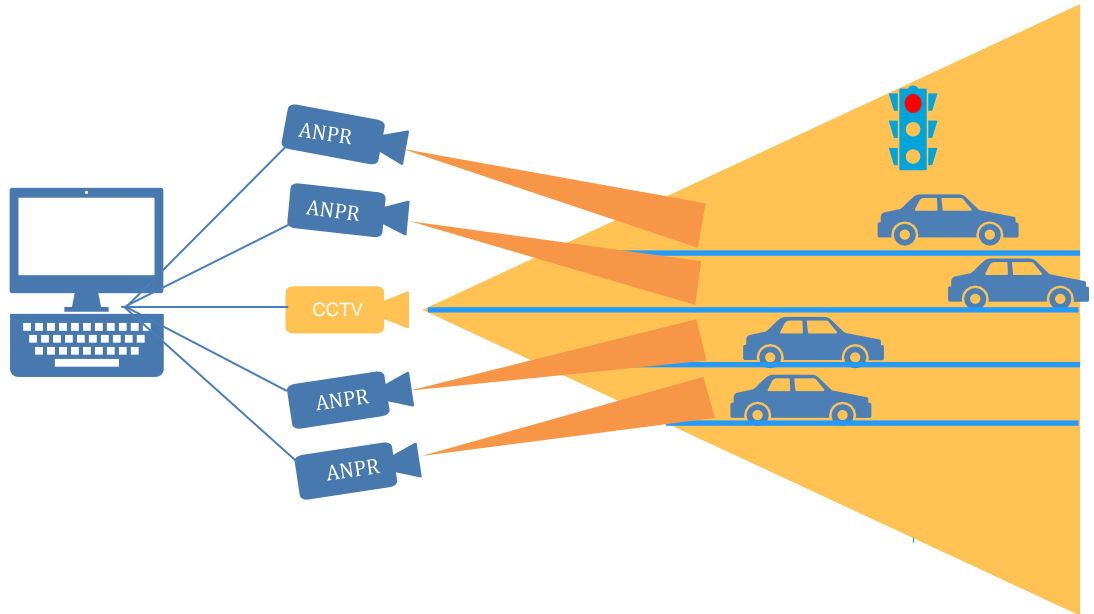
VaxALPR Red Light is a system for detecting and recording vehicles which ignore red traffic lights. It provides conclusive evidence for penalties including colored frames of the complete violation sequence and automatic recognition of the license plate.

The status of the traffic light is detected by imaging technology and so it is not necessary to incorporate any physical connection between the Vaxtor system and the traffic signals.

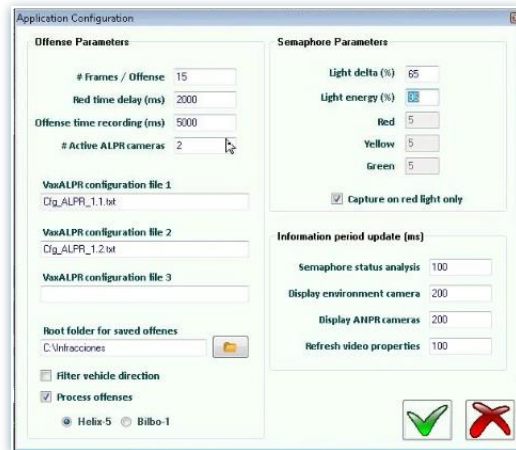
How it works: To monitor a one-lane intersection, two calibrated and synchronized cameras are used: the ANPR camera and the environment camera to detect the traffic-light status.

The environment camera also is used to generate the pictures required to prove a traffic violation, capturing the offending vehicle before, during and after its passage through the red light.

Per Traffic Signal Intel i7
or Xeon 2.5GHz+
processor 1 core per
camera 16GB RAM



Vax RedLight can be configured to cover multiple lanes at intersections. Each ALPR camera views a single lane of traffic and Vax RedLight supports a maximum of 4 ALPR cameras per signal. Recognition is taken from the rear to ensure a clear image of both the traffic light and the vehicle passing through the stop line.



Above: Configuration screens for Vax RedLight. **Below:** Helix-6 RedLight Plug-In

