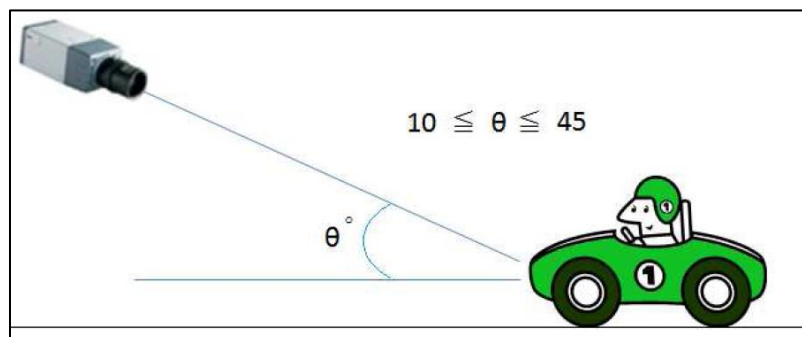


License Plate Recognition Camera Installation Tips

Installation

- The camera can provide the best accuracy when installed facing the target as straight as possible. The lesser the tilt angle, the more accurate the result will be.



- Install the camera with the shape of the license plate to be as close to a rectangle as possible. This can be achieved by lessening the horizontal tilt to the smallest possible angle.
- Some license plates have red characters or dark plate bases, therefore it is recommended to use an external white IR LED with the ALPR camera instead of the red or built-in IR LED.

Camera Configuration

Some camera default configurations need to be changed according to the settings below. The settings can be configured in the camera Web Configurator (refer to the Camera Firmware Manual for details).

- **Resolution** : 1280 x 720
- **Frame Rate** : 15
- **IR** : OFF
- **Slowest Auto Shutter Speed** : 1/120
- **3D DNR** : OFF
- **Image Stabilization** : Yes

ALPR Server Configuration

On the ALPR Server end, the Region of Interest (ROI) must also be set properly for optimum accuracy. The ROI is the region where the license plate will be detected by the camera.

- Determine the area where the license plate will be captured by the camera with the best possible angle and focus. Set this as the ROI.
- Do not mark a very huge ROI, for this will require more computing power. Do not mark an ROI which is smaller than the license plate.
- Note that the maximum size of the ROI should not exceed 10x the size of the license plate.