

To achieve optimal performance for Videoloft's LPR analytics, follow these guidelines when setting up your camera:



1. Plate readability

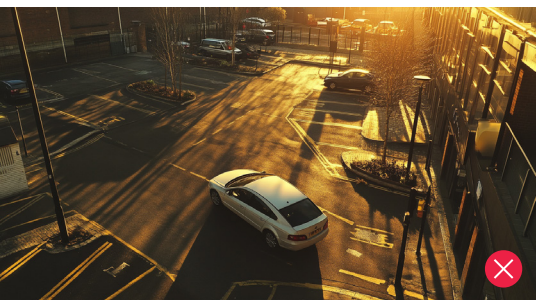
If you cannot read the license plate when the video is paused, Videoloft's LPR will not be able to read it either.

Aim to capture a readable plate when the vehicle is **largest and fully contained in the frame**.



2. Camera position

Position the camera so the licence plate is **straight on to the camera** rather than at an angle.



3. Field of view

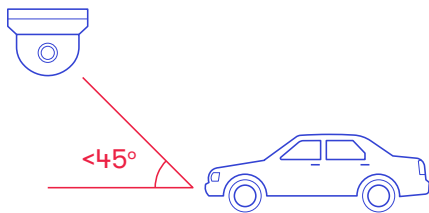
For varifocal cameras, use a **narrower field of view** rather than a wide angle. This helps keep the license plate in focus.



4. Distance

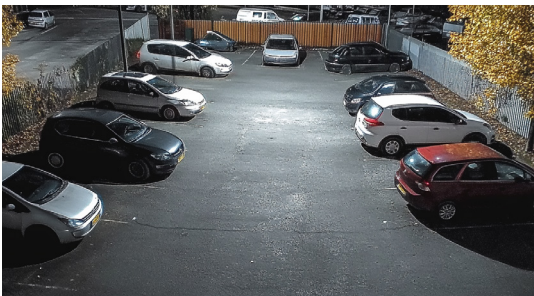


Place the camera **no more than 35 meters (115 feet)** away from the vehicle. Beyond this distance, license plate readability will be less accurate.



5. Camera height

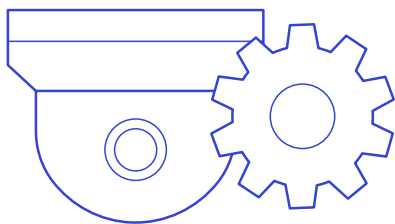
Ensure the camera height is **less than 45 degrees** from the license plate to avoid distortion and ensure clear readability.



6. Illumination

Use **external illumination** for the scene, if possible, as it provides better visibility than inbuilt infrared (IR).

If the camera has **nighttime color options**, opt for **color mode** for improved clarity.



7. Additional camera specs

a. Resolution

Use the **highest resolution** camera available to improve the chances of accurate plate capture.

b. Camera focus

If your camera has focus settings, adjust it to focus on the plate.

c. Shutter speed

Use the **highest shutter speed**, around **1/1500** to minimize motion blur and capture clear images.